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Attorney Docket No. 3863 P 003 PATENT

JC781 U.S. PTO
10/02/00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JC675 U.S. PTO
09/678428
10/02/00

In Re U.S. Patent Application of:

Thomas H. Tapio

For: SYSTEM AND METHOD FOR SHARING OF EXPERT KNOWLEDGE

Mailed: October 2, 2000

PATENT APPLICATION TRANSMITTAL

09678428 100200

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, DC 20231

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Transmitted herewith for filing under 35 U.S.C. § 111 and 37 C.F.R. 1.53 is the above-identified patent application.

Enclosed are the following documents:

_X_ 13-page Patent Application (including 5 Claims and Abstract)

_X_ 25 Figures; and

_X_ 75 page Appendix.

The filing fee has been calculated as shown below:

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Basic Fee				$355	or		$710
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Respectfully submitted,

Date: October 2, 2000

By: _____

Nelson D. Nolte, Reg. No. 42,938
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(107432 1)

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U.S. Patent Application

In Re U.S. Patent Application Of: **Thomas H. Tapio**

Filed: **October 2, 2000**

For: **SYSTEM AND METHOD FOR SHARING OF EXPERT KNOWLEDGE**

Attorney Docket No: **3863 P 003**

Enclosures:

- **Return Receipt Postcard;**
- **Express Mail Certification;**
- **Patent Transmittal Cover Sheet; and**
- **13-Page Patent Application, including 5 claims and Abstract.**
- **75 Page Appendix**
- **25 Figures**

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SYSTEM AND METHOD FOR SHARING OF EXPERT KNOWLEDGE

DESCRIPTION

Related Applications

The present application claims priority of U.S. Provisional Patent Application Serial No. 60/156,838, filed September 30, 1999. The contents of which are expressly incorporated herein by reference.

Appendix

The attached Appendix I is a part of the present specification and is hereby incorporated into the application by reference.

Technical Field

The present invention relates to the field of computer software. More particularly, the present invention relates to a system which enables an expert to easily share the expert's knowledge electronically without having an understanding of the technical system by which the knowledge is being shared.

Background Of The Invention

In the past, experts in many different areas have been unable to quickly and easily share their knowledge electronically with others. This is because the expert also had to be an expert in the medium by which the files are shared. Specifically, to publish complicated hierarchies of documents on the world wide web, such as documents which ask a series of questions to diagnose a problem, one had to be an expert in web technology. The complexity and time-consuming nature of publishing knowledge electronically have prevented much knowledge from being shared electronically or, at least, have prevented it from being shared with any easily navigated structure.

In order to solve this problem the present invention automates the process of creating hierarchical structures of electronic documents. The hierarchical structure allows the knowledge to be presented to a learner in an interesting and easily navigated way. Other features and advantages of the invention will be apparent from the following detailed description taken in conjunction with the drawings.

Summary Of The Invention

The present invention provides a system and method of creating electronic files for solving a problem for a learner from the knowledge of an expert comprising the steps of receiving the expert's knowledge in an area of expertise, providing a template for the electronic files and generating the electronic files from the expert's knowledge and the template.

Brief Description Of The Drawings

Figure 1 is a diagram of a template in accordance with the present invention;

Figure 2 is a display of a generated HTML file in accordance with a preferred embodiment of the present invention;

Figure 3 is a display of a generated HTML file in accordance with a preferred embodiment of the present invention;

Figure 4 is a display of a generated HTML file in accordance with a preferred embodiment of the present invention;

Figure 5 is a display of a generated HTML file in accordance with a preferred embodiment of the present invention;

Figure 6 is a display of a generated HTML file in accordance with a preferred embodiment of the present invention;

Figure 7 is a display of a generated HTML file in accordance with a preferred embodiment of the present invention;

Figure 8 is a display of a generated HTML file in accordance with a preferred embodiment of the present invention;

Figure 9 is a diagram of the hierarchy of a preferred embodiment of the present invention;

Figure 10 is a display of a home page parameter window in accordance with a preferred embodiment of the present invention;

Figure 11 is a display of a navigation bar parameter window in accordance with a preferred embodiment of the present invention;

Figure 12 is a display of a topic parameter window in accordance with a preferred embodiment of the present invention;

Figure 13 is a display of an image parameter window in accordance with a preferred embodiment of the present invention;

Figure 14 is a display of a text parameter window in accordance with a preferred embodiment of the present invention;

Figure 15 is a display of a external process parameter window in accordance with a preferred embodiment of the present invention;

Figure 16 is a display of a question parameter window in accordance with a preferred embodiment of the present invention;

Figure 17 is a display of a rule parameter window in accordance with a preferred embodiment of the present invention;

Figure 18 is a display of a solution parameter window in accordance with a preferred embodiment of the present invention;

Figure 19 is a display of a checklist parameter window in accordance with a preferred embodiment of the present invention;

Figure 20 is a display of an element parameter window in accordance with a preferred embodiment of the present invention;

Figure 21 is a display of a window which shows all of the items in the template in accordance with a preferred embodiment of the present invention;

Figure 22 is a display of a generate window in accordance with a preferred embodiment of the present invention;

Figure 23 is a diagram of the database in accordance with a preferred embodiment of the present invention;

Figure 24 is a report of the contents of the database in accordance with a preferred embodiment of the present invention; and,

Figure 25 is a report of the contents of the database in accordance with a preferred embodiment of the present invention.

Detailed Description Of The Preferred Embodiment

While this invention is susceptible of embodiment in many different forms, there will herein be described in detail a preferred embodiment of the invention with the understanding that the present disclosure is to be considered as an exemplification of the principles of the invention and is not intended to limit the broad aspects of the invention to the embodiment illustrated.

The present invention provides a system and method by which experts in a particular field of knowledge can easily and quickly share their knowledge with others electronically. The system simplifies the process for publishing electronic information by not requiring the expert to have detailed knowledge about the system by which the information is published. In the present embodiment of the invention, the knowledge is provided from an expert to a learner by allowing the learner to diagnose a problem the learner is trying to solve by answering questions about the problem. In this manner the learner is taught the solution to the problem to be solved. By answering questions associated with a particular problem, the learner eventually answers enough questions that the solution can be determined. When the proper solution to the learner's problem is determined, the learner is provided with text, images, hyperlinks, video and/or audio, which provide an explanation of each step of the solution to the learner.

The process of the present invention is based upon the idea of using prefabricated code templates as the driving input. Additionally, the invention utilizes descriptions of assets and controls (explained below) that are stored in a database. During the generation

process, the template and the descriptions in the database are automatically integrated into the final output. In its preferred embodiment, the present invention generates applications that result in hypertext markup language ("HTML") and Javascript source code. This creates a World Wide Web look and feel. However, various output formats could be implemented without departing from the principles of the present invention. As such, the present invention should not be limited to HTML and Javascript source code.

In the presently preferred embodiment, the interface for a learner to interact with the present invention is an internet browser which accesses files written in HTML and Javascript. As shown in Figure 1, the HTML files are generated from a template 2 which incorporates knowledge supplied by the expert. The template 2 comprises a site 8, a home page 10 and a navigation bar 12. The navigation bar 12 can link the learner to topics 14, subtopics 15, solutions 16, checklists 18, or collections 32 of multimedia assets. The multimedia assets may be images 20, sound 22, text 24, video 26 or any combination thereof. The multimedia asset can also be a link to multimedia provided from an external source 28. The present list of multimedia assets is representative rather than comprehensive and can include other technologies such as communication with a live person.

In Figure 1, relationship between items is shown by a line with an arrowhead or a line with a circle. Items connected by a line with an arrowhead show a relationship between two distinct items. Items connected by a line with a circle indicate a relationship between an item and a second item which is representative of a group of such items.

A learner can also use the navigation bar 12 to navigate to the home page 10 and the site 8. The home page 10 is the highest level of a particular application, i.e. the highest level of a particular area of expertise. The site 8 contains many home pages 10 which represent many areas of expertise.

Topics 14 contain different concepts to be addressed within an area of expertise. Additionally, as indicated by the line and circle relationship of the topic 14 and subtopics 15, topics 14 may have more than one subtopic 15. Subtopics 15 are associated with rules 30, solutions 16, checklists 18 and collections 32. Rules 30 are associated with solutions 16, checklists 18, collections 32, and rulelogics 34. Rulelogics 34 are associated with a question 36 and a response 38. Checklists are associated with elements 40.

By using HTML files which implement the template 2 of Figure 1, learners can diagnose a problem in order to find a solution. Referring to Figure 2, the previously discussed concepts will be described by way of example. Figure 2 provides a web browser 60 with a left pane 62 which displays a navigation bar 12 and right pane 64 which displays a site 8. The site 8 contains links to several home pages 10, and the navigation bar can contain links to other sites 8.

By clicking on the home page 10 "@Personal Pro Help" the browser changes to show the navigation bar 12 in the left pane 62 which displays links to topics 14 and displays a homepage 10 associated with the "@Personal Pro" link, as in Figure 3.

By clicking on the topic 14 "Interactive FAQ," the left pane 62 continues to show the topics of Figure 3, but the right pane 64 changes to show the subtopics 15 associated with the chosen topic 14, as in Figure 4.

By clicking on "Establishing a New Site," which in this case links to a subtopic 15, the left pane 62 continues to display the navigation bar 12 while the right pane 64 displays the question 36 and responses 38, as shown in Figure 5.

After the learner has selected proper responses 38 to the questions 36 and clicks an OK button 66, the rule is executed and the web browser 60 changes to display a solution 16 determined by the rulelogic associated with the rule, as in Figure 6. The solution 16 comprises a checklist 18 having six elements 40. Associated with elements 60 can be multimedia assets 20, 22, 24, 26, 28 or a collection 32. Collections 32 are simply collections of more than one multimedia asset 20, 22, 24, 26, 28.

By clicking on an indicator 68 next to the element 40, the browser 60 changes to display the asset 20, 22, 24, 26, 28 or collection 32 associated with the element 40, as in Figure 7. In the case of Figure 7, an image asset 20 link is shown. By clicking on the image asset 20 link, the image asset 20 is displayed to the learner, as in Figure 8.

Referring to Figure 9, the present invention uses four distinct layers of processing in order to generate the HTML files from the template 2. The four layers comprise a graphical user interface (GUI) layer 70, a processing layer 72, a generator layer 74 and a database layer 76. Each layer exists as an independent and self-contained object. The GUI layer 70, the generator layer 74, and the database layer 76 each communicate only with and through the processing layer 72. In the preferred embodiment of the present invention, each layer 70-76 operates on a single computer. However, it is contemplated that the four layers 70-76 could be divided among more than one computer in order to distribute processing and utilize geographically remote computers.

The GUI layer's 70 purpose is to prompt input from the expert, pass information to the processing layer 72, and then display updates back to the expert. It communicates with the processing layer 72 to perform validations and other internal processing of the input.

The GUI layer 70 is the primary interface for enabling the expert to merge knowledge into the template 2. The GUI layer 70 includes multiple dialog boxes which allow the expert to enter parameters for all items associated with the items of the template 2. For example, in Figure 10, a home page parameter window 100 allows the expert to associate information with a home page including a title name, title version, main title, sub title, copyright notice and trademark notice. In Figure 11, a navigation bar parameter window 102 allows the expert to associate information with a navigation bar, such as a menu item word to display, a menu item letter to underline, menus and topics to be linked to the menus. In Figure 12, a topic/subtopic parameter window 104 allows the expert to associate information with topic and subtopics, such as a window title, topic title, line 1 of the topic, line 2 of the topic, icon filename for the topic, a list

of topics and subtopics, and a linked item to the topic/subtopic. In Figure 13, an image or video asset parameter window 106 allows the expert to associate a multimedia asset with the template 2 by allowing the expert to associate an image name, an image filename, still image/animated image radio button, a video filename, an image/video text caption, as well as options related to the type of video used.

In Figure 14, a text or sound multimedia asset parameter window 108 allows the expert to associate information with a text or sound multimedia asset, such as text name, text filename, text narrative, sound or narration check box, or sound filename. In Figure 15, an external multimedia type parameter window 110 allows the expert to associate information with an external multimedia asset, such as a process name, process description, process filename, web anchor text, and web anchor URL. In Figure 16, a question and response parameter window 112 allows the expert to associate information with a question, such as a question name, a question abbreviation, instruction text, question text, response text, and response order.

In Figure 17, a rule parameter window 114 allows the expert to associate information with a rule, such as a rule number, rule name, a question, a relation, a rule, a rule logic, and a solution name. In Figure 18, a solution parameter window 116 allows the expert to associate information with a solution, such solution name, solution description, a solution checklist, and a solution presentation style. In Figure 19, a checklist parameter window 118 allows the expert to associate information with a checklist, such as checklist number, checklist name, checklist description, checklist elements, and checklist element text. In Figure 20, an element parameter window 120 allows the expert to associate information with an element, such as an element number, an element name, an element text, and element details. In Figure 21, there is provided a window which shows all items in the template 2 in an explorer-style dialog.

In Figure 22, a generate HTML page window 122 is provided. From this window, an expert may assign a title name, title version, MAK Name, EXE Name, input subfolder, output folder, VB folder, object verifications checkboxes, next usage radio

buttons, and a generate command box. When the expert clicks the generate command box, the information provided by the expert through the previously discussed windows is passed to the processing layer 72.

The processing layer 72 receives requests from the GUI layer 70 and the generator layer 74, requests information from a database 78 via the database layer 76, and returns information to the GUI layer 70 and the generator layer 74. It also receives information from the GUI layer 70 and performs validations of data and other internal processing, and inputs the data to the database 78 via the database layer 76.

The generator layer 74 automatically creates the HTML and Javascript files 80. It requests information from the database 78 via the processing layer 72 and the database layer 76, uses template files 2 as additional input, and processes the HTML and Javascript files 80. As the processing begins, the generator determines the template 2 to be used.

Each template is processed independently and in turn references a specific asset type whose descriptive information needs to be accessed in the database for that template. At a deeper level, each template also contains control types that call for specific types of source code to be generated at each of their respective locations in the template. Templates also contain references to text files that contain static, common source code that needs to be generated into their locations as well.

At the most detailed level, as the different control types are being generated, their related properties, stored in the control detail database table, determine specific source code instructions to generate. Some examples of these types of properties include font sizes, font styles, alignments, colors, sizes of images, and web page URLs to link to.

Defaults for the properties of the various control types can be defined by the authoring process and stored in the control default database table. The generator responds to the default values by automatically generating cascading style sheets that in turn are referenced by the generated web pages. This creates a consistent look-and-feel for the same control types that may appear in more than one template.

As the code is being generated it is placed in a location indicated by the author's choices stored in the home page directory database table. Also, at the author's option, a history can be maintained of which output files have changed since the previous generation process has been run for that template group.

The database layer 76 interfaces directly with the database. The database typically comprises a database management system, such as Oracle, SQL or Microsoft Access. It receives requests for information, input data and instructions from the processing layer 72. The database layer 76 is the only layer that needs to be aware of the specific database management system being implemented. Referring to Figure 23, the database is constructed using multiple linked tables, as shown, the construction of such database is shown in Appendix I.

The present invention is capable printing reports to the expert which display the properties of every item within the database. Referring to Figure 24, there is shown a report for showing all of the rulelogic associated with each individual rule. In Figure 25, there is shown a report showing the questions within the database and the responses associated with each question.

Finally, while the preferred embodiment of the present invention is a locally executed application, it is further contemplated that the GUI layer 70 could be implemented to communicate to an expert via a web page rather than as a locally executed program. In such an embodiment, the layers 70-76, database 78 and HTML files 80 would exist on one or more web servers which communicate with the expert through the Internet and a web browser. Additionally, either embodiment could further implement a step of automatically publishing the HTML files to a web server connected to the Internet.

It will be understood that the invention may be embodied in other specific forms without departing from the spirit or central characteristics thereof. The present embodiment, therefore, is to be considered in all respects as illustrative and not restrictive, and the invention is not to be limited to the details given herein.

Document #: 2 Filed: 09/29/2006 Page 11 of 11

CLAIMS

What is claimed is:

1. A method of creating electronic files for solving a problem for a learner from the knowledge of an expert comprising the steps of:

receiving the expert's knowledge in an area of expertise;

providing a template for the electronic files; and,

generating the electronic files from the expert's knowledge and the template.

2. A system for creating electronic files for solving a problem for a learner from the knowledge of an expert comprising the steps of:

means for receiving the expert's knowledge in an area of expertise;

means for providing a template for the electronic files; and,

means for generating the electronic files from the expert's knowledge and the template.

3. A method of solving a problem for a learner comprising the steps of:

receiving questions and possible responses from an expert;

transmitting the questions and possible responses to the learner;

receiving chosen responses to the questions from the learner;

determining the learner's problem from learner's chosen responses; and

providing a solution to the learner's problem.

4. The method of claim 3 wherein the step of providing a solution to the learner's problem comprises the step of providing a list of instructions for the learner to follow to solve the problem.

5. The method of claim 4 further comprising the step of providing a link for the learner to follow in order to obtain further information about how to perform each step.

ABSTRACT OF THE DISCLOSURE

The present invention provides a system and method of creating electronic files for solving a problem for a learner from the knowledge of an expert comprising the steps of receiving the expert's knowledge in an area of expertise, providing a template for the electronic files and generating the electronic files from the expert's knowledge and the template.

Page 13 - abstract

Docket: 3585/3

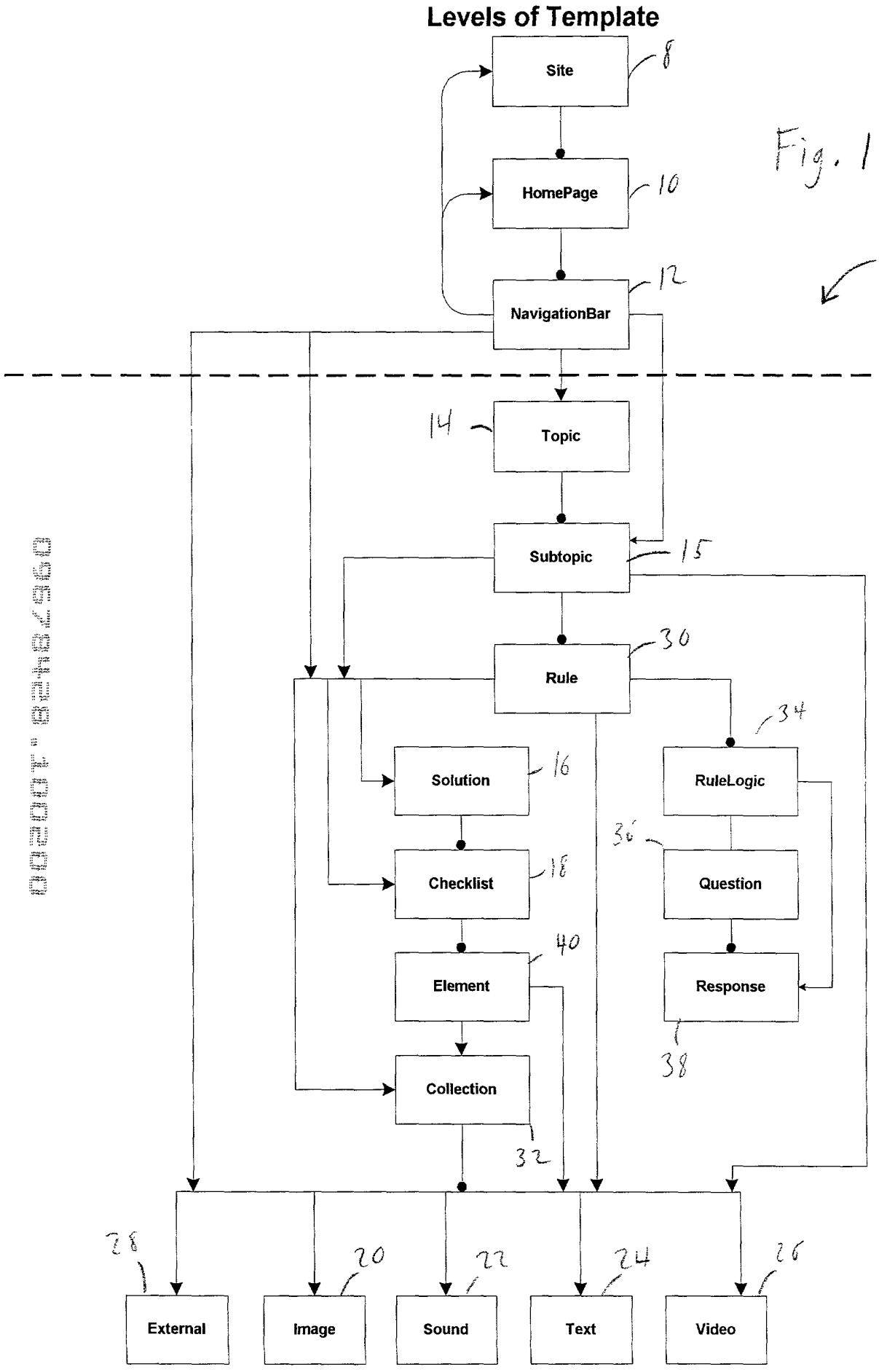


Fig. 1

Fig. 2

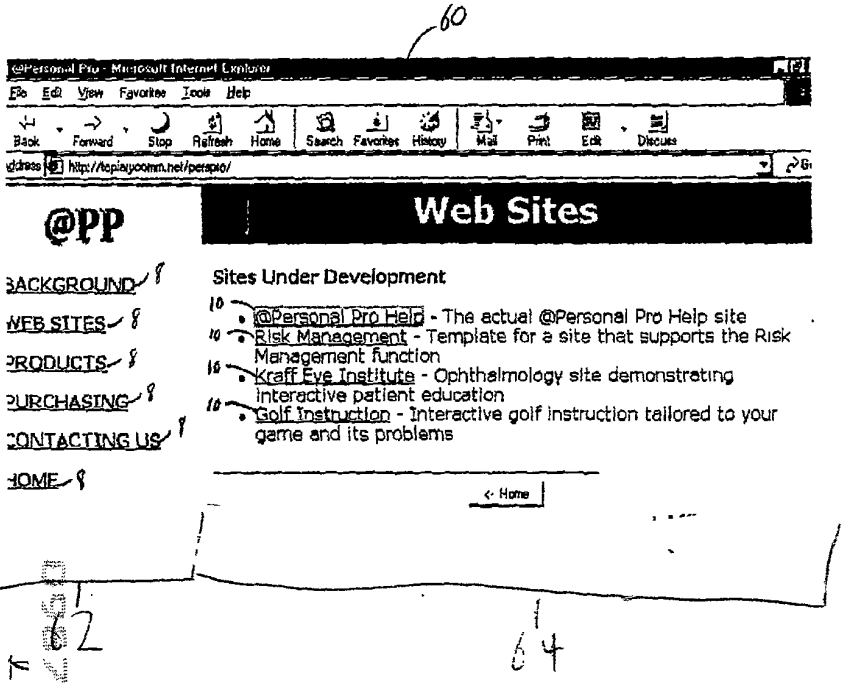
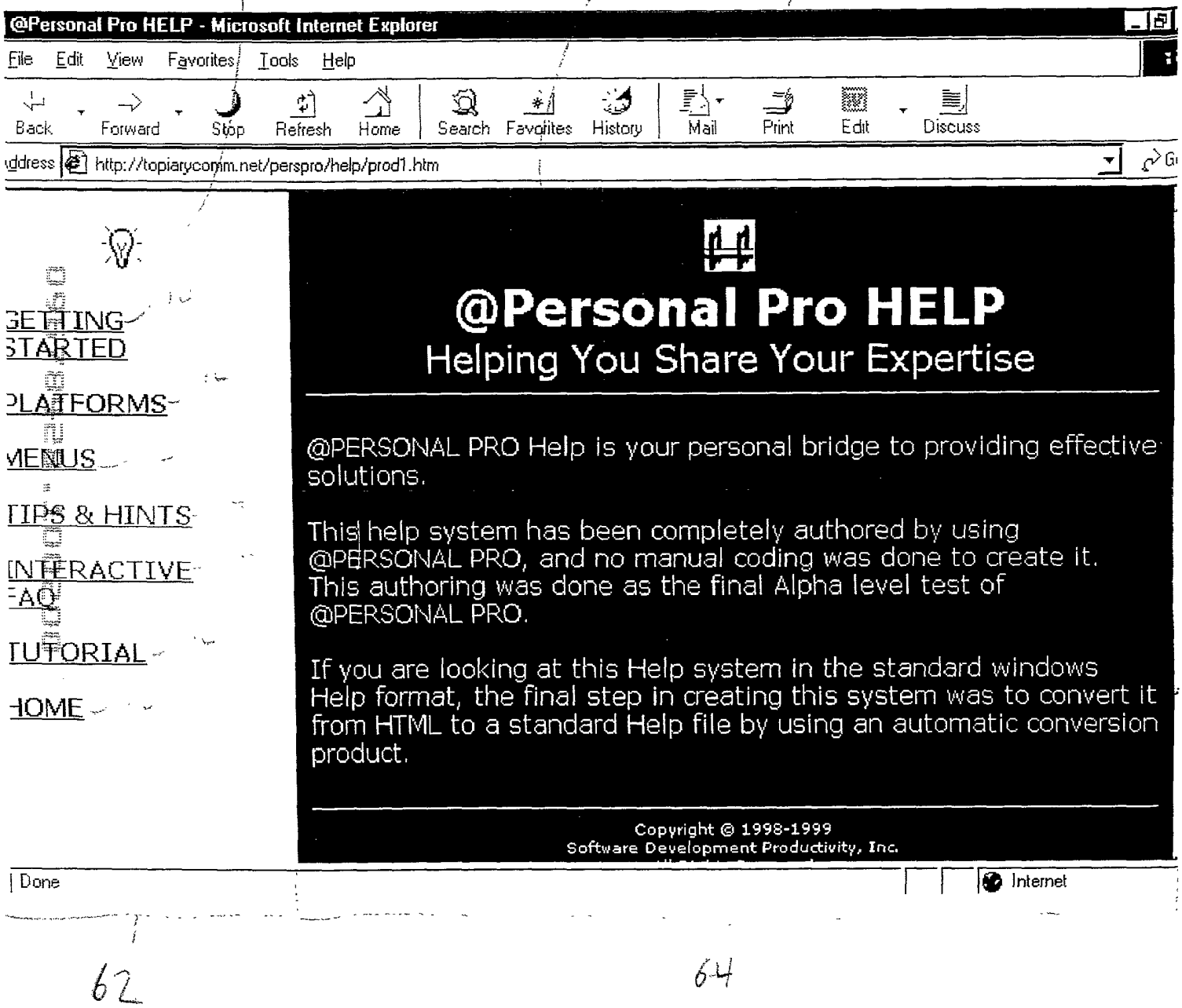

60
@Personal Pro - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss
Address http://tcpiaycomm.net/perspro/
@PP
Web Sites
BACKGROUND
WEB SITES
PRODUCTS
PURCHASING
CONTACTING US
HOME
Sites Under Development
@Personal Pro Help - The actual @Personal Pro Help site
Risk Management - Template for a site that supports the Risk Management function
Kraff Eye Institute - Ophthalmology site demonstrating interactive patient education
Golf Instruction - Interactive golf instruction tailored to your game and its problems
<- Home
62
64

Fig. 3


12
10
60
@Personal Pro HELP - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss
Address http://topiarycomm.net/perspro/help/prod1.htm
GETTING STARTED
PLATFORMS
MENUS
TIPS & HINTS
INTERACTIVE FAQ
TUTORIAL
HOME
@Personal Pro HELP
Helping You Share Your Expertise
@PERSONAL PRO Help is your personal bridge to providing effective solutions.
This help system has been completely authored by using @PERSONAL PRO, and no manual coding was done to create it. This authoring was done as the final Alpha level test of @PERSONAL PRO.
If you are looking at this Help system in the standard windows Help format, the final step in creating this system was to convert it from HTML to a standard Help file by using an automatic conversion product.
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Done
Internet
62
64

Fig. 4

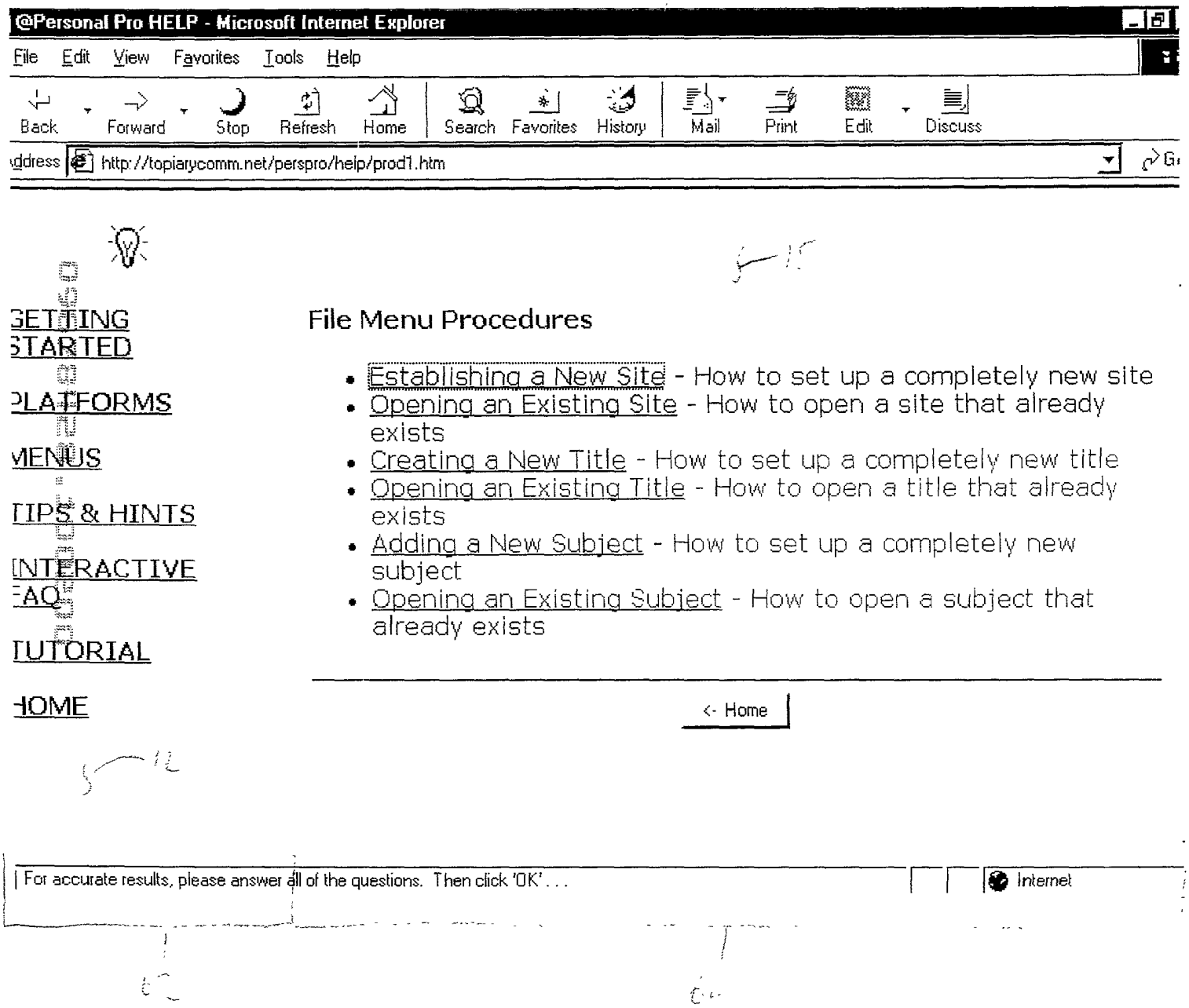

@Personal Pro HELP - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss
Address http://topiarycomm.net/perspro/help/prod1.htm
GETTING STARTED
PLATFORMS
MENUS
TIPS & HINTS
INTERACTIVE FAQ
TUTORIAL
HOME
File Menu Procedures
Establishing a New Site - How to set up a completely new site
Opening an Existing Site - How to open a site that already exists
Creating a New Title - How to set up a completely new title
Opening an Existing Title - How to open a title that already exists
Adding a New Subject - How to set up a completely new subject
Opening an Existing Subject - How to open a subject that already exists
<- Home
For accurate results, please answer all of the questions. Then click 'OK'...
Internet

Fig. 5

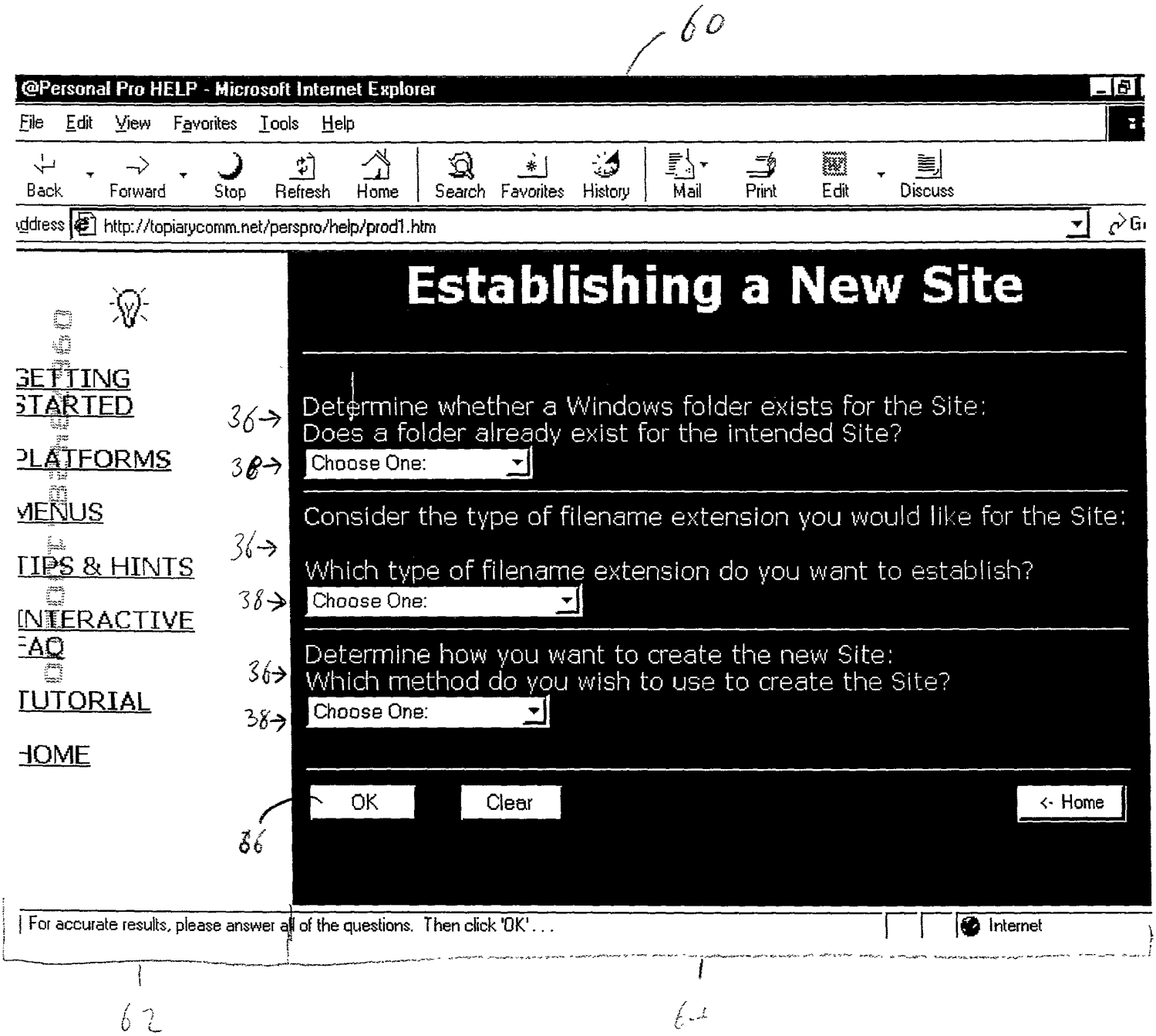

60
@Personal Pro HELP - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss
Address http://topiarycomm.net/perspro/help/prod1.htm
GETTING STARTED
PLATFORMS
MENUS
TIPS & HINTS
INTERACTIVE FAQ
TUTORIAL
HOME
Establishing a New Site
36→
Determine whether a Windows folder exists for the Site:
Does a folder already exist for the intended Site?
38→
Choose One:
36→
Consider the type of filename extension you would like for the Site:
Which type of filename extension do you want to establish?
38→
Choose One:
36→
Determine how you want to create the new Site:
Which method do you wish to use to create the Site?
38→
Choose One:
86
OK
Clear
<- Home
For accurate results, please answer all of the questions. Then click 'OK'...
Internet
62
64

Fig. 6

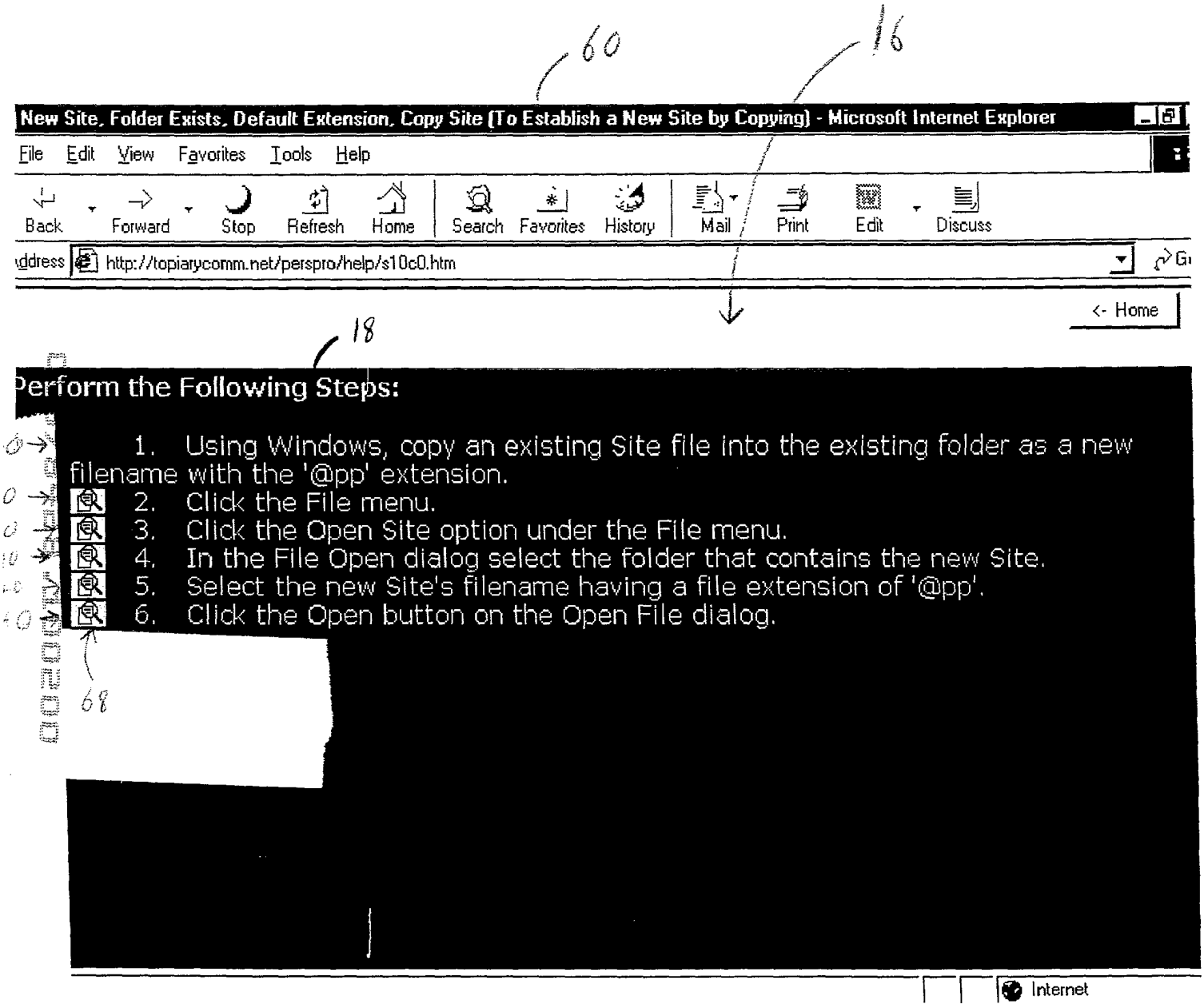

60
16
New Site, Folder Exists, Default Extension, Copy Site (To Establish a New Site by Copying) - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss
Address http://topiarycomm.net/perspro/help/s10c0.htm
<- Home
18
Perform the Following Steps:
1. Using Windows, copy an existing Site file into the existing folder as a new filename with the '@pp' extension.
2. Click the File menu.
3. Click the Open Site option under the File menu.
4. In the File Open dialog select the folder that contains the new Site.
5. Select the new Site's filename having a file extension of '@pp'.
6. Click the Open button on the Open File dialog.
68
Internet

Fig. 7

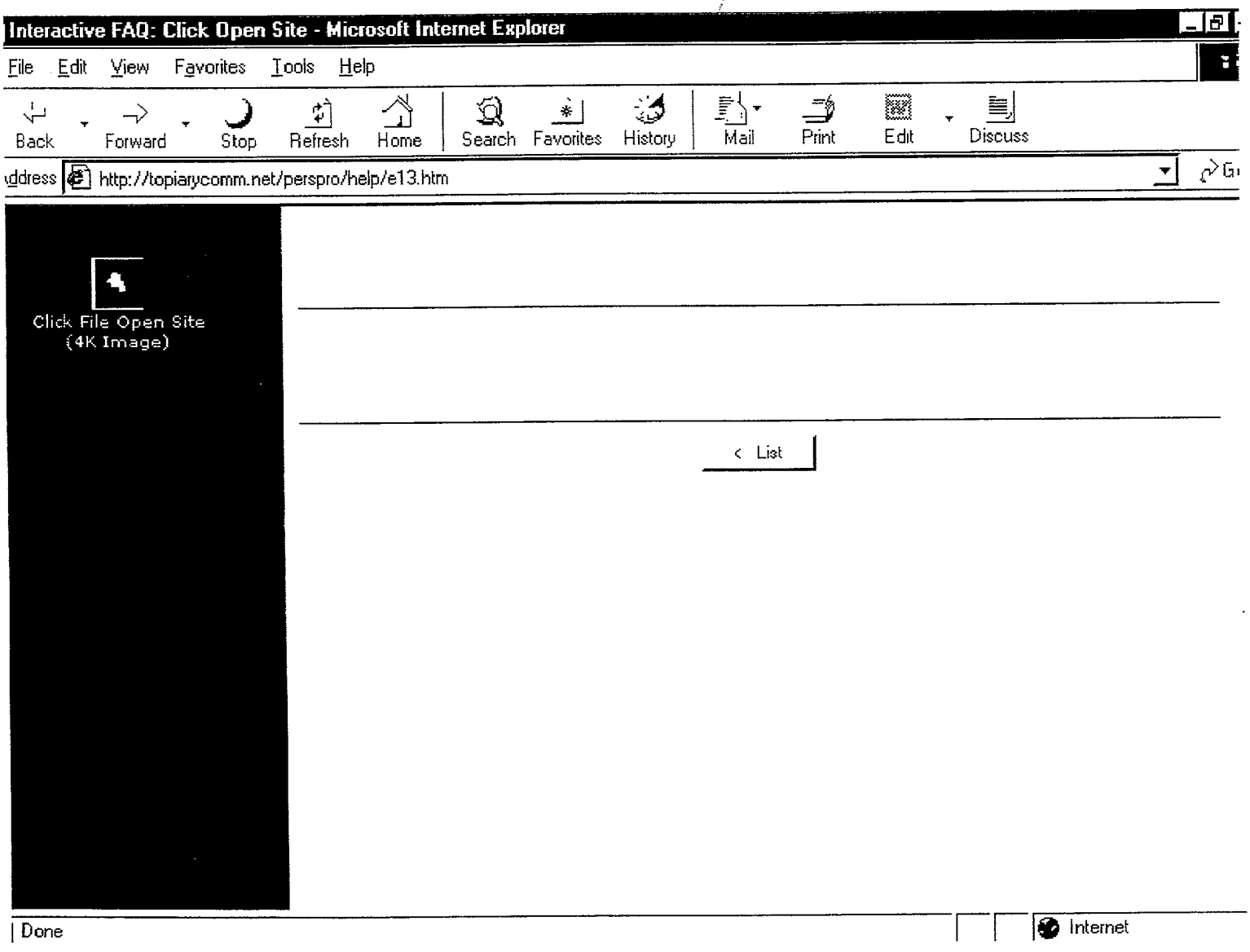
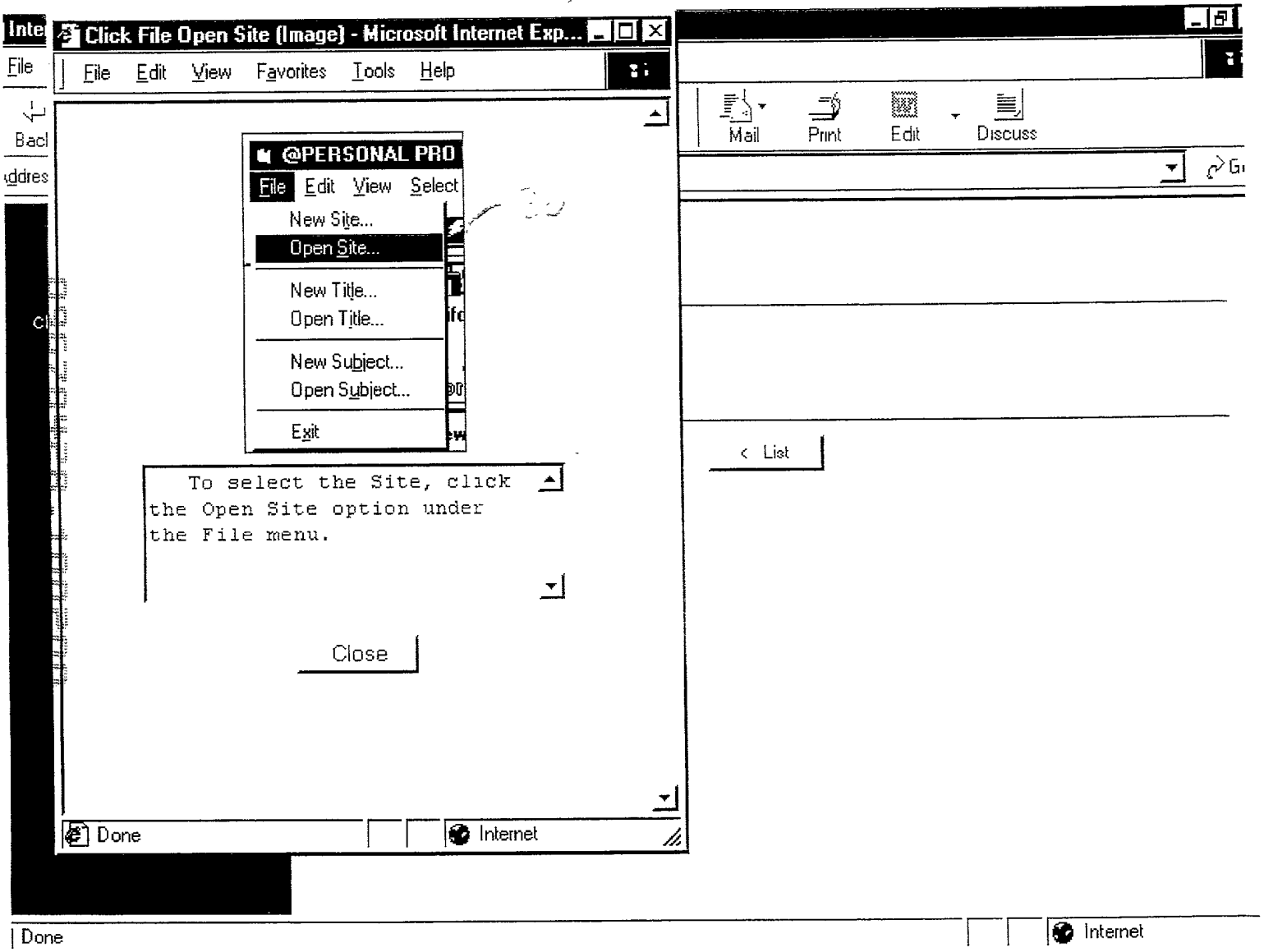

Interactive FAQ: Click Open Site - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss
Address http://topiarycomm.net/perspro/help/e13.htm
Click File Open Site
(4K Image)
< List
Done
Internet

Fig. 8


Click File Open Site (Image) - Microsoft Internet Exp...
File Edit View Favorites Tools Help
@PERSONAL PRO
File Edit View Select
New Site...
Open Site...
New Title...
Open Title...
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To select the Site, click the Open Site option under the File menu.
Close
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Mail
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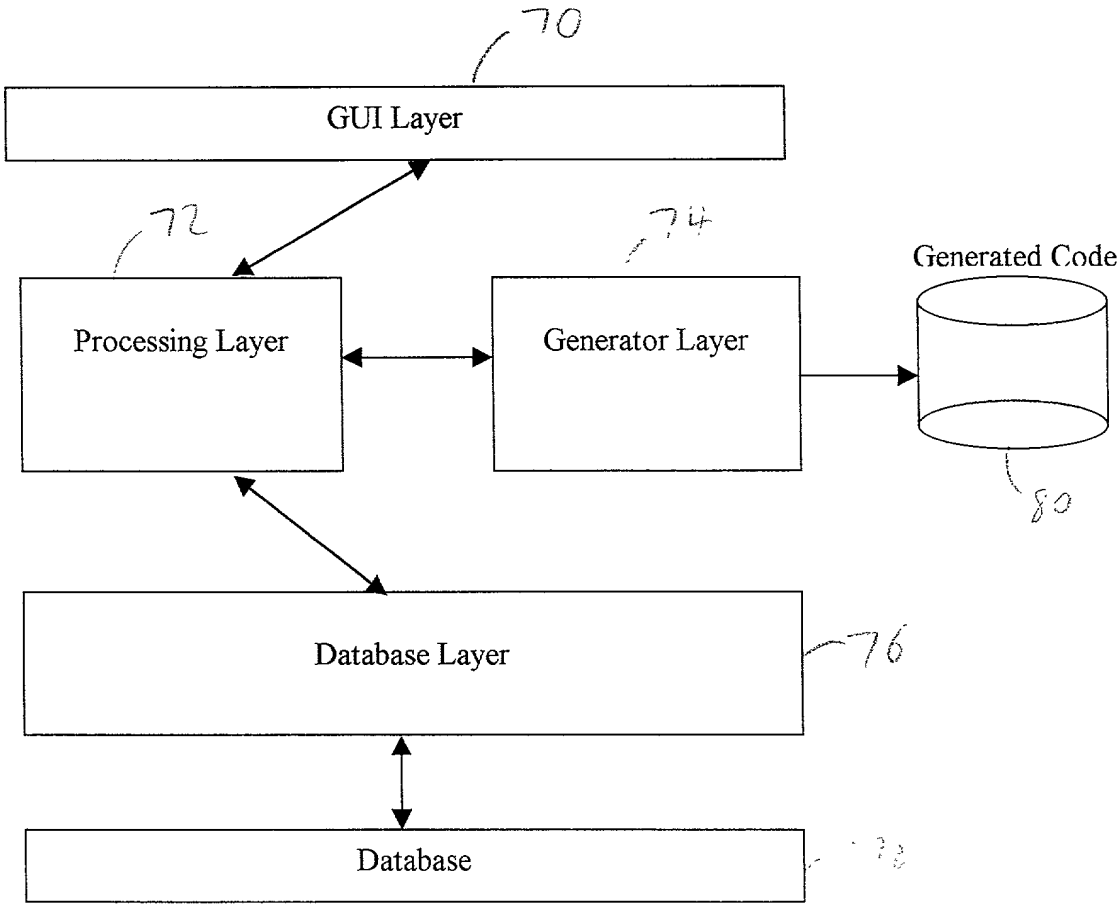
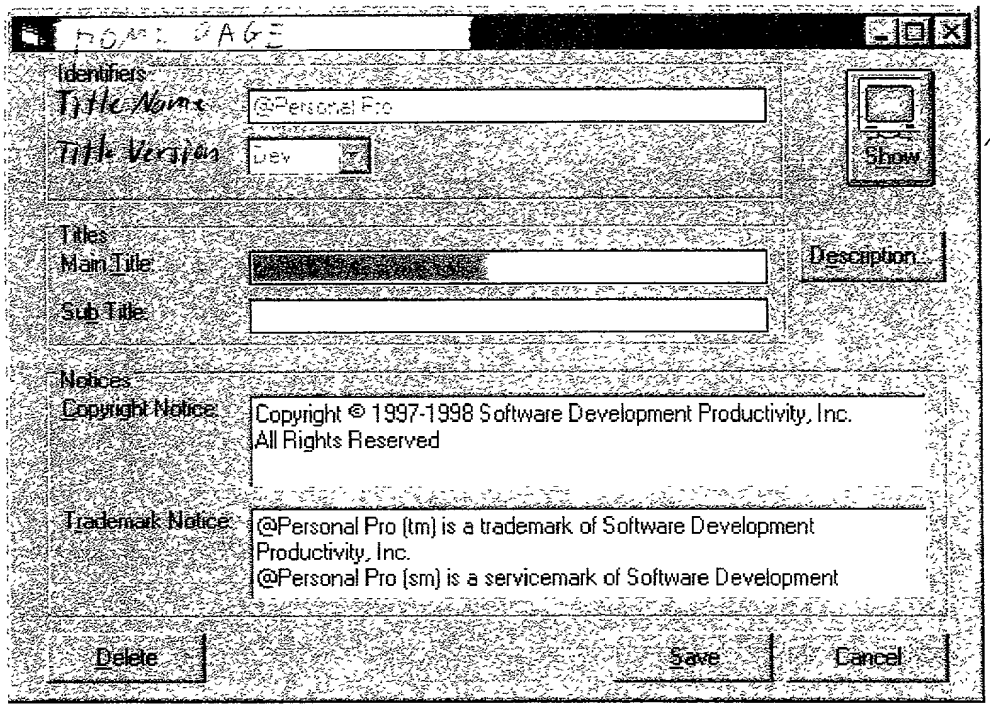

70
GUI Layer
72
74
Generated Code
Processing Layer
Generator Layer
80
Database Layer
76
Database

Fig. 9

Fig. 10


HOME PAGE
Identifiers
Title Name
@Personal Pro
Title Version
Dev
Show
100
Titles
Main Title:
Sub Title:
Description...
Notices
Copyright Notice:
Copyright © 1997-1998 Software Development Productivity, Inc.
All Rights Reserved
Trademark Notice:
@Personal Pro (tm) is a trademark of Software Development Productivity, Inc.
@Personal Pro (sm) is a servicemark of Software Development
Delete
Save
Cancel

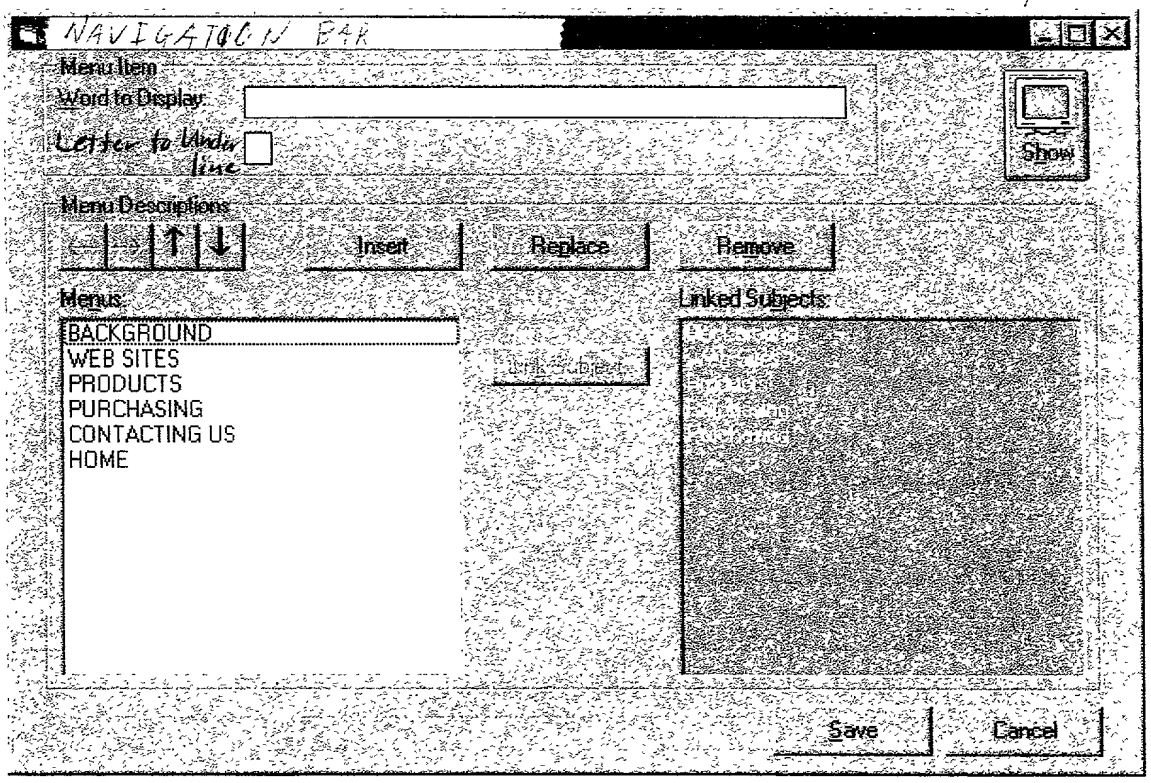
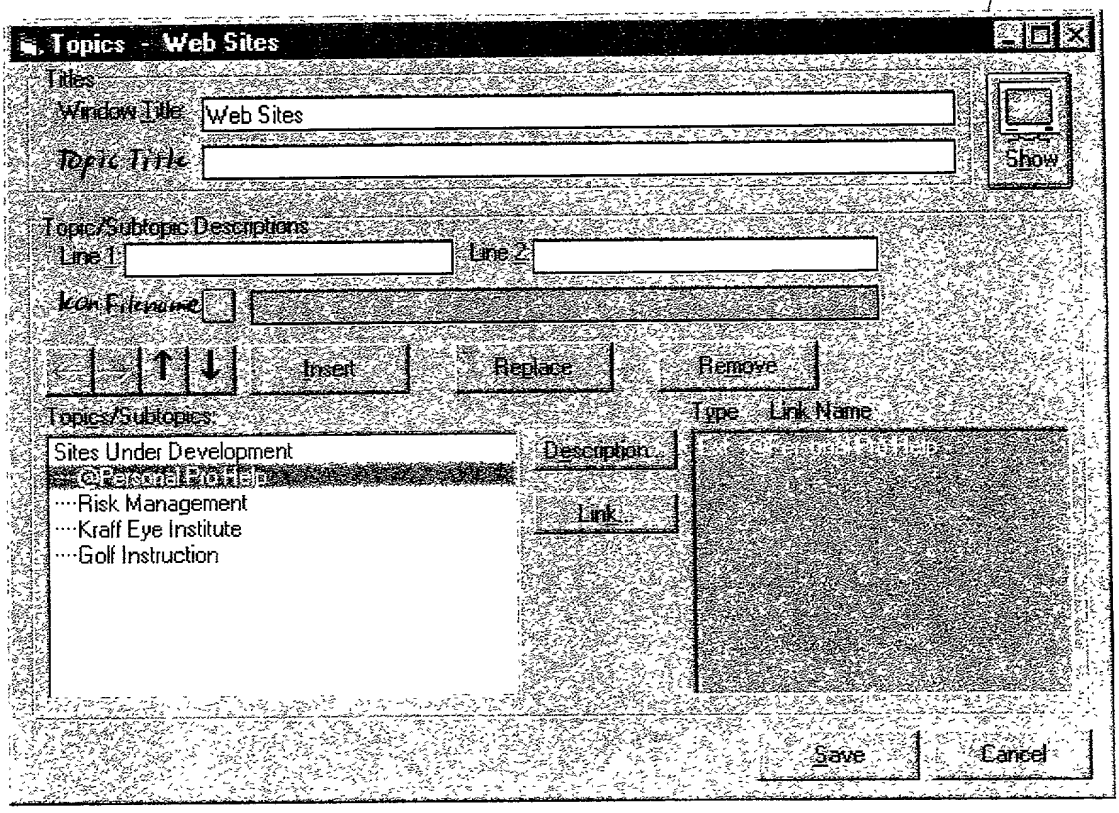

102
NAVIGATION BAR
Menu Item
Word to Display:
Show
Menu Descriptions
Insert
Replace
Remove
Menus:
BACKGROUND
WEB SITES
PRODUCTS
PURCHASING
CONTACTING US
HOME
Linked Subjects:
Save
Cancel

Fig. 11



Figure

Document - Page 1 of 1

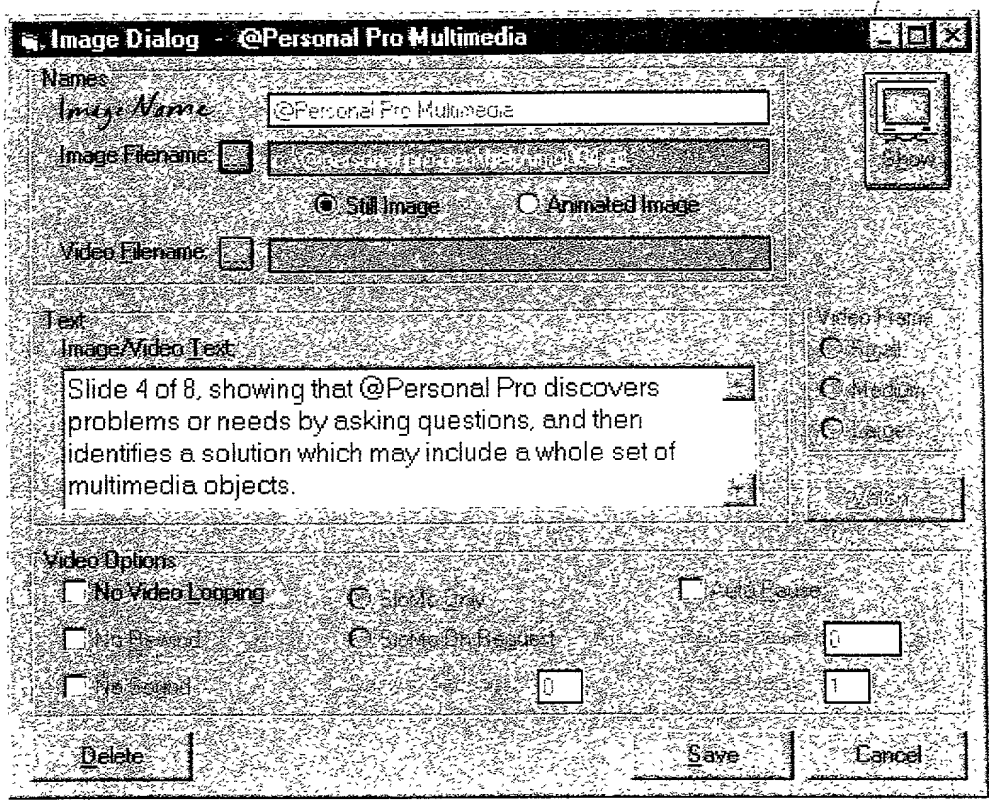
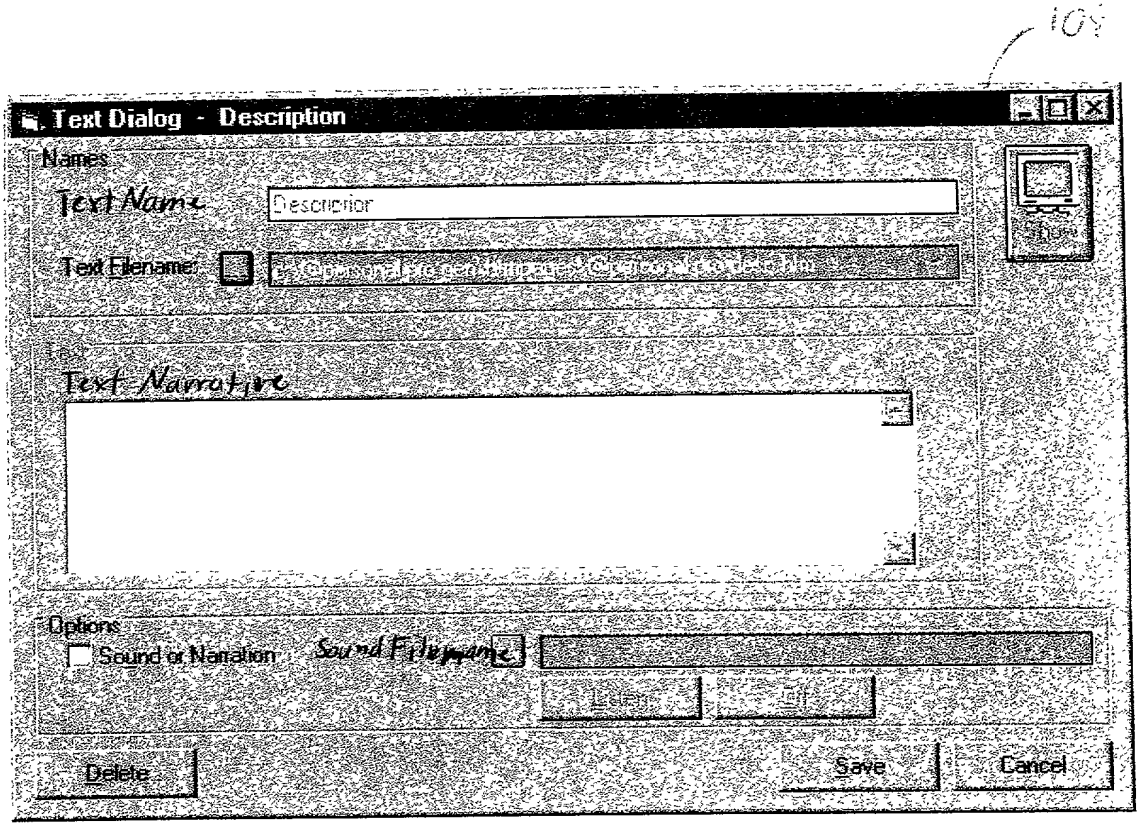

106
Image Dialog - @Personal Pro Multimedia
Names
Image Name
@Personal Pro Multimedia
Image Filename:
Still Image
Animated Image
Video Filename:
Text
Image/Video Text
Slide 4 of 8, showing that @Personal Pro discovers problems or needs by asking questions, and then identifies a solution which may include a whole set of multimedia objects.
Video Options
No Video Looping
Delete
Save
Cancel

Fig. 3

Fig. 14



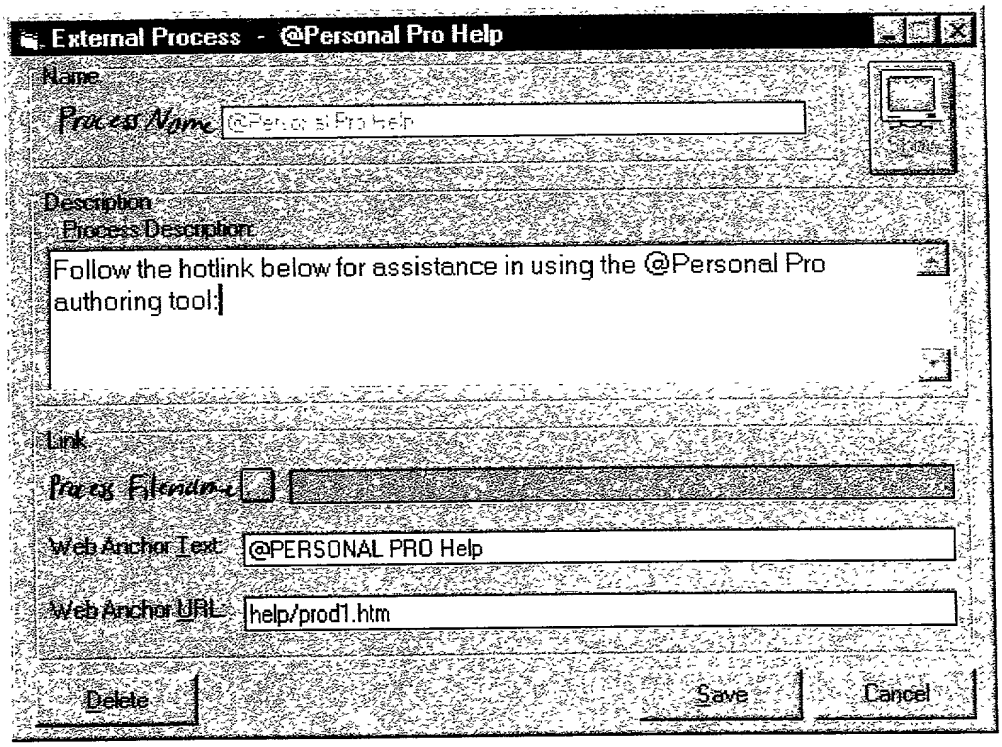


Fig. 15

09579453 - 100201

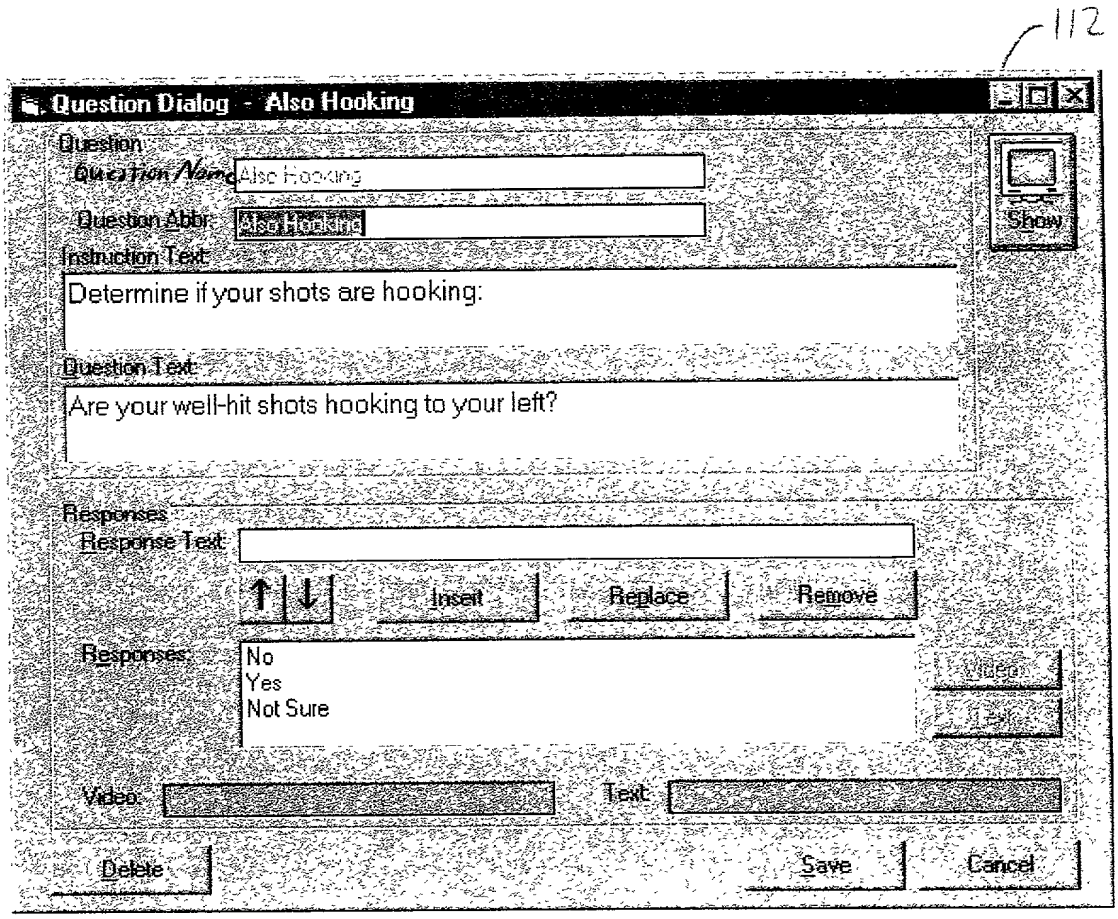


Fig. 16

09/9/03 - 10:03

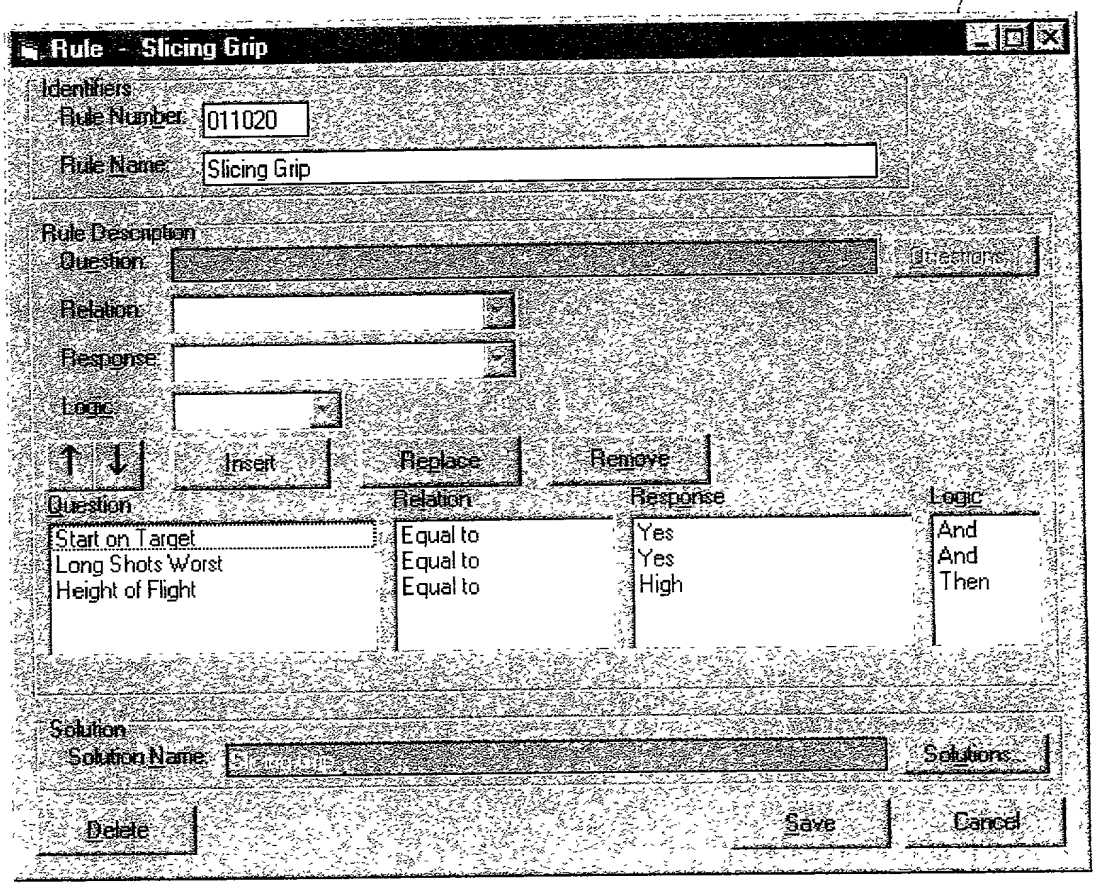


Fig. 17

05/31/06 - 1005268

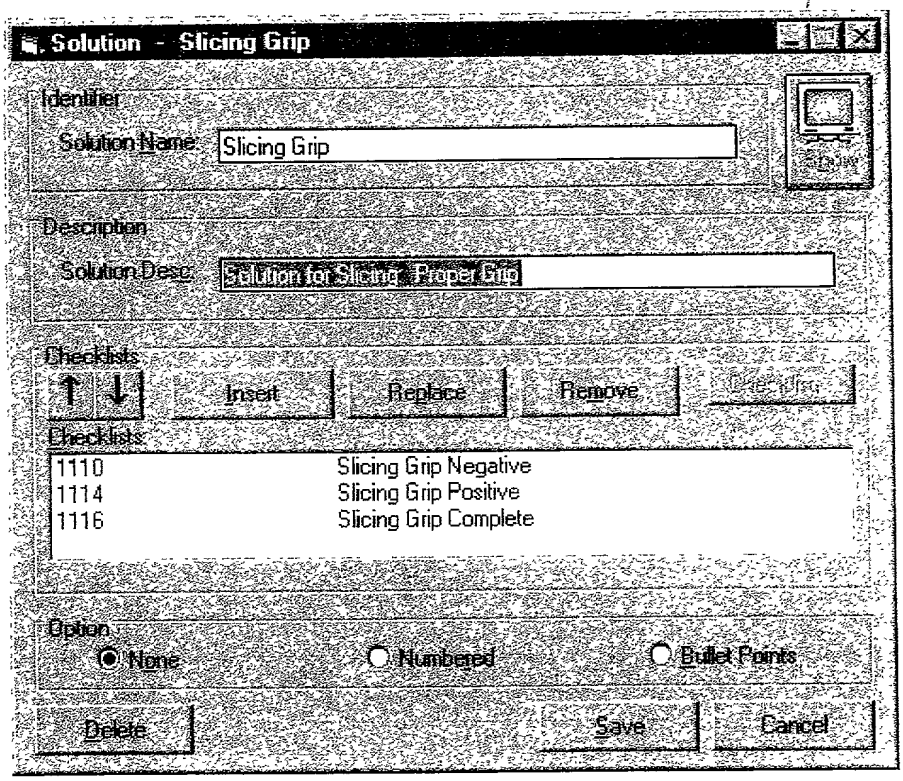


Fig. 18

D95/94B-1000B

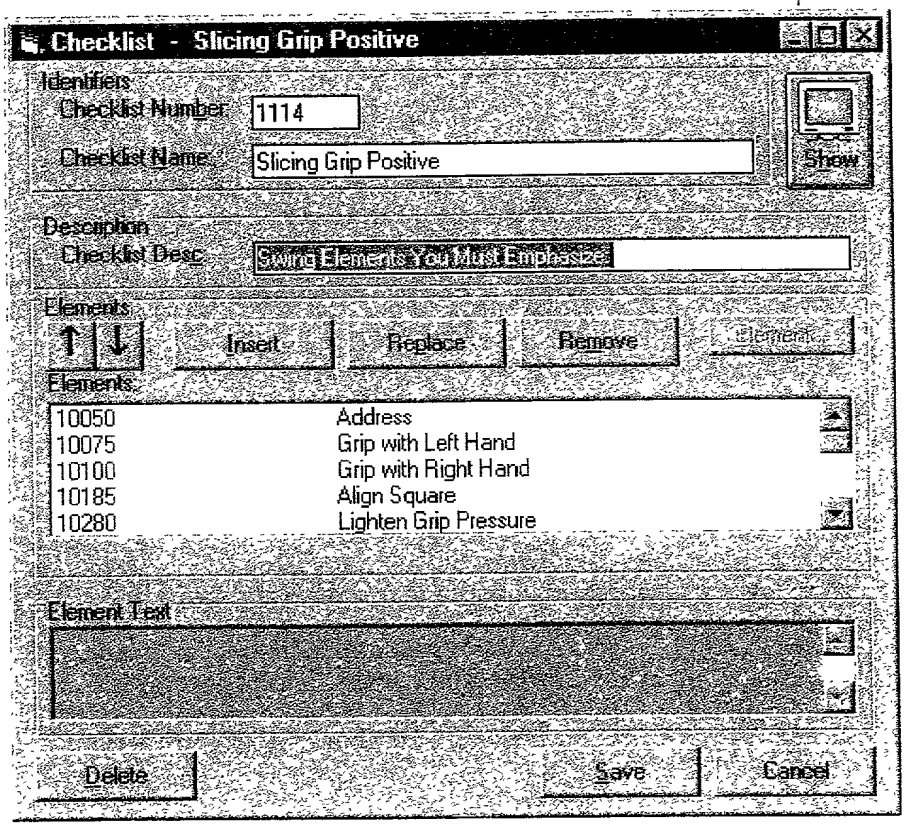


Fig. 19

US 6,685,568 B2

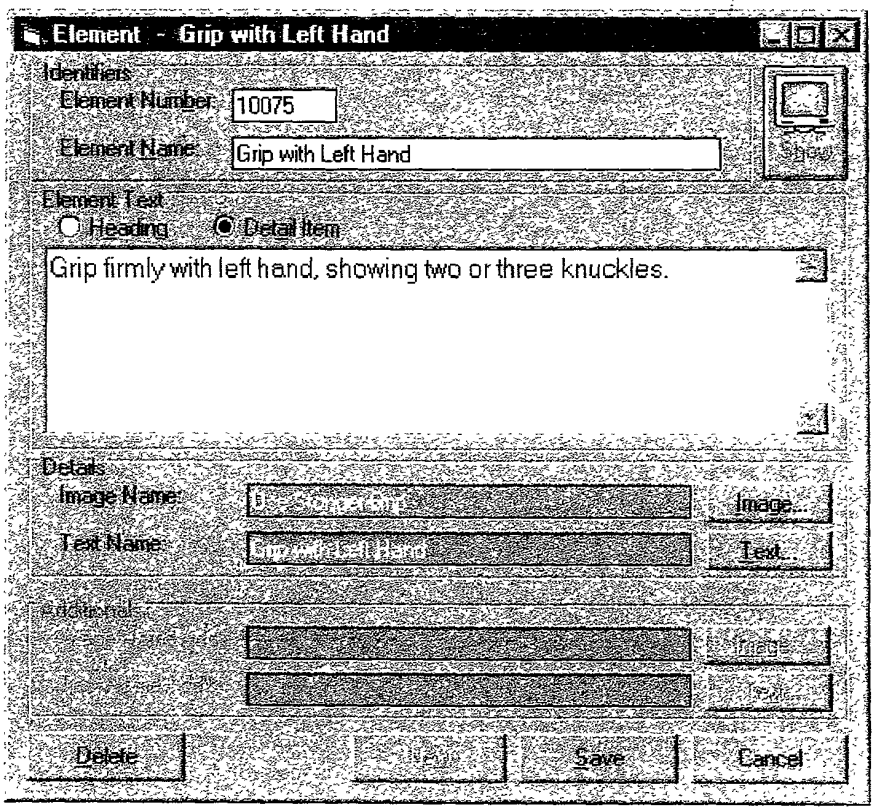


Fig. 20

D95/94250 - 1000200

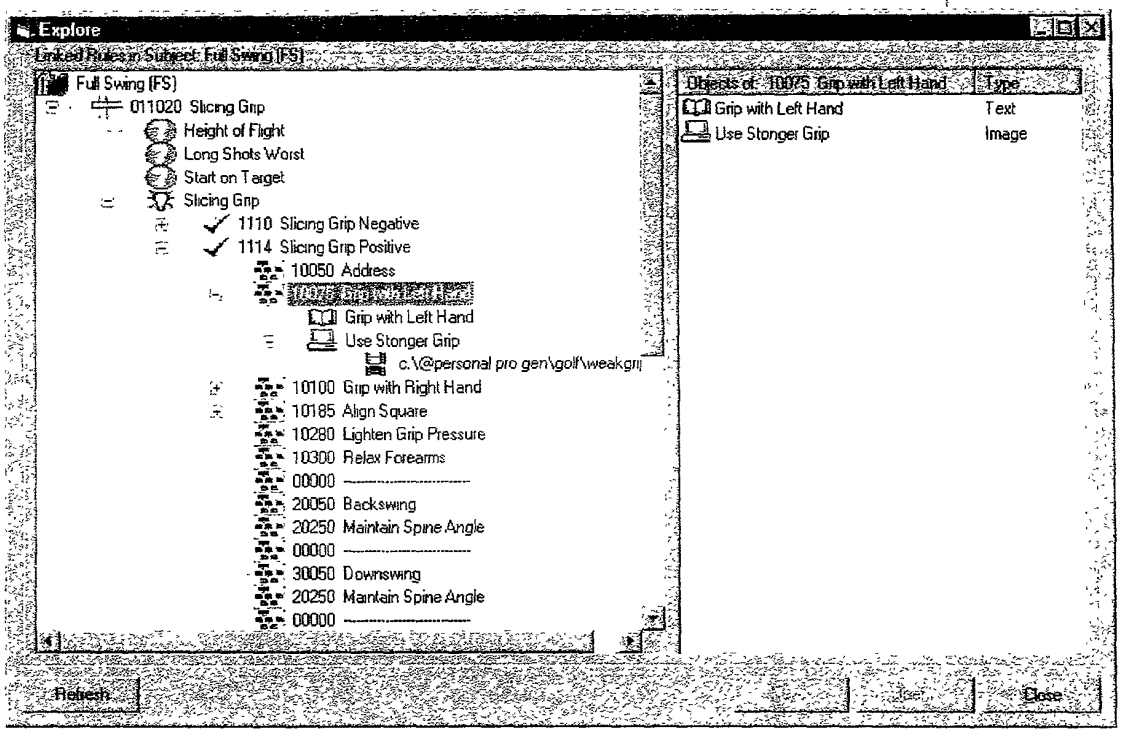


Fig. 21

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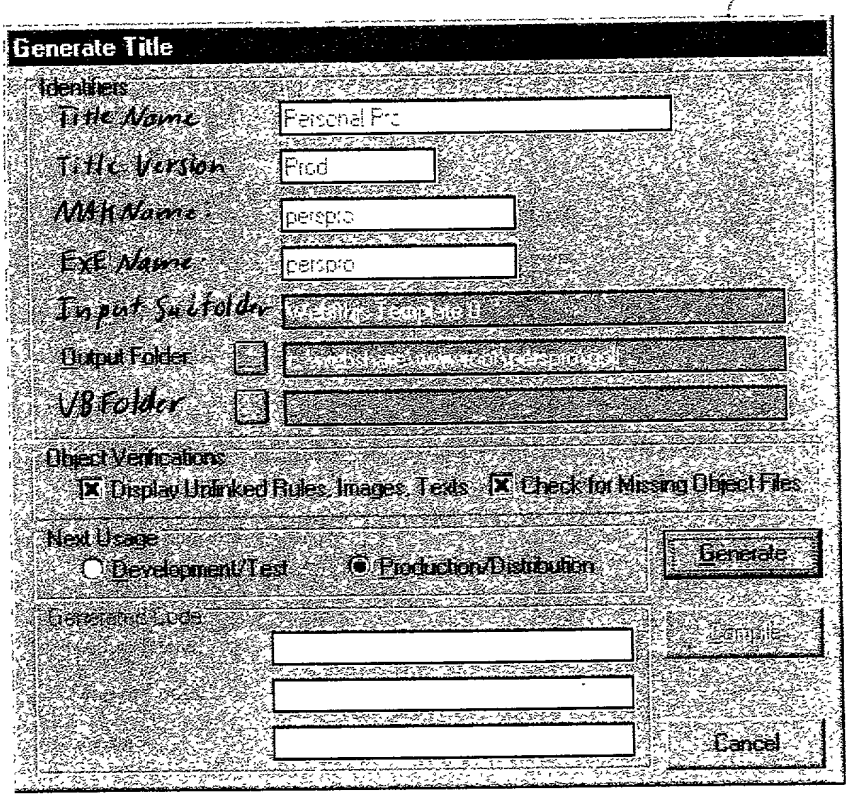

122
Generate Title
Identifiers
Title Name
Personal Pro
Title Version
Prod
MAK Name
perspro
EXE Name
perspro
Input Subfolder
Output Folder
VB Folder
Object Verifications
Display Unlinked Rules, Images, Texts
Check for Missing Object Files
Next Usage
Development/Test
Production/Distribution
Generate
Compile
Cancel

Fig. 22

@Personal Pro

Database Diagram

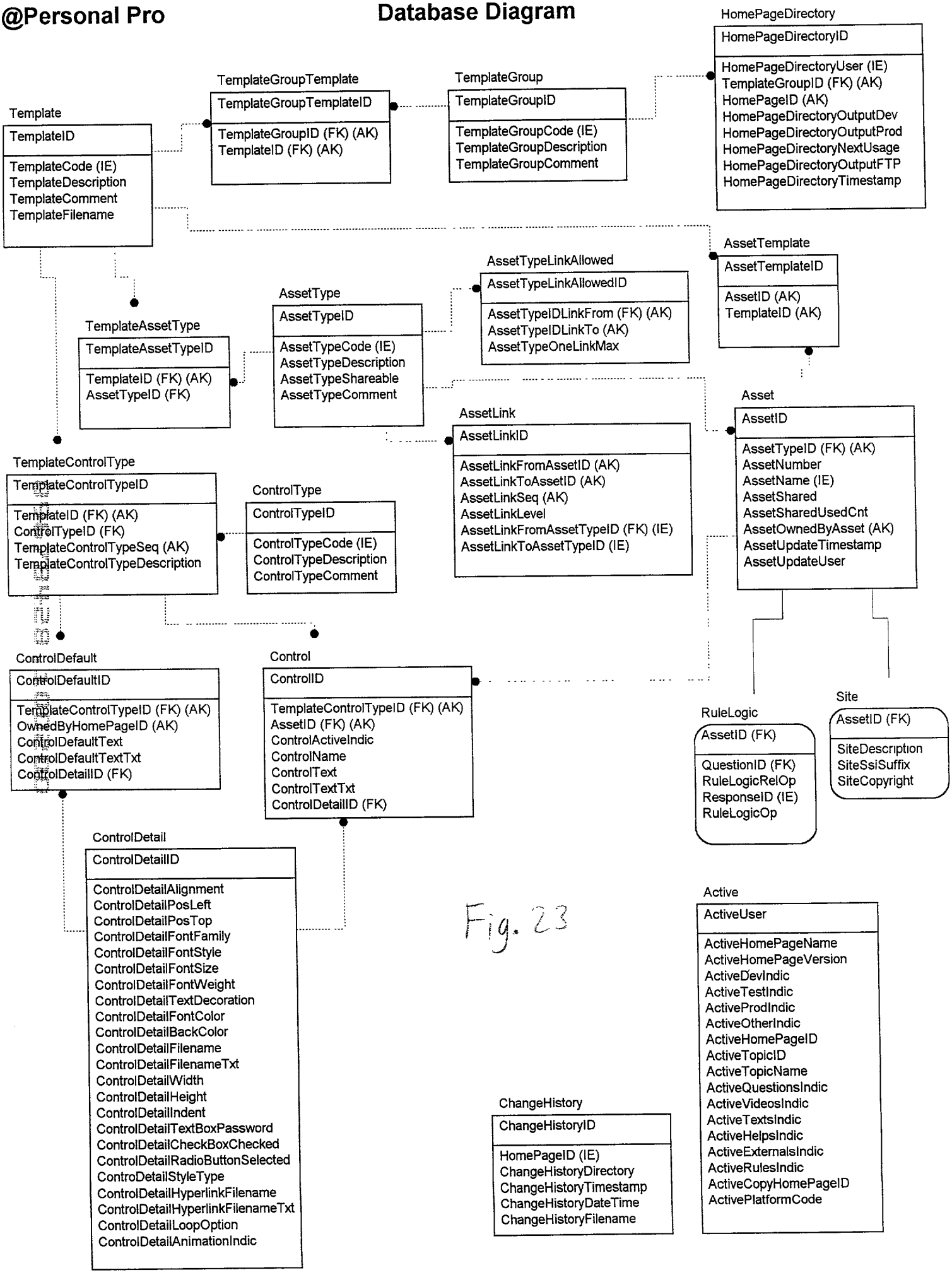


Fig. 23

Title Name: **Personal Pro**
Subject Name: **Full Swing (FS)**

Question Name	Relationship Operator	Response	Logic
Rule:	**005010 Hooking Low Upright**		
Solution Name:	Low Upright		
Solution Description:	Solution for Hitting Low, Thin, or Hooking: Swing Straighter and Around		
Start on Target	Equal to	Yes	Or
Start Right	Equal to	Yes	And
Height of Flight	Equal to	Low	And
Occasionally Push	Equal to	Yes	And
Tee Shots Best	Equal to	Yes	And
Iron Shots Thin	Equal to	Yes	Or
Frequency Hit Fat	Equal to	Sometimes	Or
Frequency Hit Fat	Equal to	Frequently	Then
Rule:	**005015 Hooking Slicing Posture**		
Solution Name:	Slicing Posture		
Solution Description:	Solution for Slicing, Hooking, or Hitting Fat or Thin: More Upright Posture		
Start on Target	Equal to	Yes	And
Iron Shots Thin	Equal to	Yes	Or
Frequency Hit Fat	Equal to	Sometimes	Or
Frequency Hit Fat	Equal to	Frequently	Then
Rule:	**005030 Hooking Forward Pushing**		
Solution Name:	Hooking Forward		
Solution Description:	Solution for Hooking, Hitting Low, or Pushing: Move Ball Forward		
Start Right	Equal to	Yes	And
Pushing Short Irons	Equal to	Yes	Or
Occasionally Push	Equal to	Yes	And
Height of Flight	Equal to	Low	Or
Height of Flight	Equal to	Medium	Then

Question Dialogs Master List

Title Name: **Personal Pro**
Subject Name: **Full Swing (FS)**

Responses | Image Name | Text Name

Question Name: **Also Hooking**
Question Instruction: Determine if your shots are hooking:
Question Text: Are your well-hit shots hooking to your left?

Question Abbreviation: Also Hooking

No
Yes
Not Sure

Question Name: **Frequency Hit Fat**
Question Instruction: Observe how often you hit the ball fat:
Question Text: How often do you hit the ground behind the ball, hitting it fat?

Question Abbreviation: Frequency Hit Fat

Almost Never
Sometimes
Frequently
Not Sure

Question Name: **Handicap Rating**
Question Instruction: Estimate your handicap rating:
Question Text: What is your handicap rating for eighteen holes?

Question Abbreviation: Handicap Rating

Zero to Two
Three to Four
Five to Six
Seven to Eight
Nine to Eleven
Twelve to Fifteen
Sixteen to Twenty
Twenty-One or Over
Not Sure

Question Name: **Height of Flight**
Question Instruction: Observe the height of your full shots:
Question Text: How high do your full shots usually fly?

Question Abbreviation: Height of Flight

Low

Fig. 4

DOE/EIS-0359

Appendix I

Properties

Date Created:	03/07/1994 9:01:22 PM	Def. Updatable:	True
Description:	Maintains a record of currently active GUI options between authoring sessions	Last Updated:	09/27/2000 12:31:39 PM
OrderByOn:	False	RecordCount:	1
Validation Text:	Maintains a record of currently active GUI options between authoring sessions		

Columns

Name	Type	Size
ActiveUser	Text	10
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	1	
Required:	False	
Source Field:	ActiveUser	
Source Table:	Active	
ActiveHomePageName	Text	50
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	ActiveHomePageName	
Source Table:	Active	
ActiveHomePageVersion	Text	10
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	
Source Field:	ActiveHomePageVersion	
Source Table:	Active	

ActiveDevIndic		Yes/No	1
	AllowZeroLength:	False	
	Attributes:	Fixed Size	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	DisplayControl:	Text Box	
	Ordinal Position:	4	
	Required:	False	
	Source Field:	ActiveDevIndic	
	Source Table:	Active	
ActiveTestIndic		Yes/No	1
	AllowZeroLength:	False	
	Attributes:	Fixed Size	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	DisplayControl:	Text Box	
	Ordinal Position:	5	
	Required:	False	
	Source Field:	ActiveTestIndic	
	Source Table:	Active	
ActiveProdIndic		Yes/No	1
	AllowZeroLength:	False	
	Attributes:	Fixed Size	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	DisplayControl:	Text Box	
	Ordinal Position:	6	
	Required:	False	
	Source Field:	ActiveProdIndic	
	Source Table:	Active	
ActiveOtherIndic		Yes/No	1
	AllowZeroLength:	False	
	Attributes:	Fixed Size	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	DisplayControl:	Text Box	
	Ordinal Position:	7	
	Required:	False	
	Source Field:	ActiveOtherIndic	
	Source Table:	Active	
ActiveHomePageID		Number (Long)	4
	AllowZeroLength:	False	

EXHIBIT 1

	Attributes:	Fixed Size	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	Decimal Places:	Auto	
	DisplayControl:	Text Box	
	Ordinal Position:	8	
	Required:	False	
	Source Field:	ActiveHomePageID	
	Source Table:	Active	
ActiveTopicID		Number (Long)	4
	AllowZeroLength:	False	
	Attributes:	Fixed Size	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	Decimal Places:	Auto	
	DisplayControl:	Text Box	
	Ordinal Position:	9	
	Required:	False	
	Source Field:	ActiveTopicID	
	Source Table:	Active	
ActiveTopicName		Text	50
	AllowZeroLength:	False	
	Attributes:	Variable Length	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	DisplayControl:	Text Box	
	Ordinal Position:	10	
	Required:	False	
	Source Field:	ActiveTopicName	
	Source Table:	Active	
ActiveQuestionsIndic		Yes/No	1
	AllowZeroLength:	False	
	Attributes:	Fixed Size	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	DisplayControl:	Text Box	
	Ordinal Position:	11	
	Required:	False	
	Source Field:	ActiveQuestionsIndic	
	Source Table:	Active	
ActiveVideosIndic		Yes/No	1
	AllowZeroLength:	False	

Attributes:	Fixed Size		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
DisplayControl:	Text Box		
Ordinal Position:	12		
Required:	False		
Source Field:	ActiveVideosIndic		
Source Table:	Active		
ActiveTextsIndic		Yes/No	1
AllowZeroLength:	False		
Attributes:	Fixed Size		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
DisplayControl:	Text Box		
Ordinal Position:	13		
Required:	False		
Source Field:	ActiveTextsIndic		
Source Table:	Active		
ActiveHelpsIndic		Yes/No	1
AllowZeroLength:	False		
Attributes:	Fixed Size		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
DisplayControl:	Text Box		
Ordinal Position:	14		
Required:	False		
Source Field:	ActiveHelpsIndic		
Source Table:	Active		
ActiveExternalsIndic		Yes/No	1
AllowZeroLength:	False		
Attributes:	Fixed Size		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
DisplayControl:	Text Box		
Ordinal Position:	15		
Required:	False		
Source Field:	ActiveExternalsIndic		
Source Table:	Active		
ActiveRulesIndic		Yes/No	1
AllowZeroLength:	False		
Attributes:	Fixed Size		
Collating Order:	General		

DEFENDANT'S EXHIBIT

ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	Default
DisplayControl:	Text Box
Ordinal Position:	16
Required:	False
Source Field:	ActiveRulesIndic
Source Table:	Active

ActiveCopyHomePageID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
DisplayControl:	Text Box	
Ordinal Position:	17	
Required:	False	
Source Field:	ActiveCopyHomePageID	
Source Table:	Active	

ActivePlatformCode	Text	2
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	18	
Required:	False	
Source Field:	ActivePlatformCode	
Source Table:	Active	

Table Indexes

Name	Number of Fields
Active	1

Clustered:	False
Distinct Count:	1
Foreign:	False
Ignore Nulls:	False
Name:	Active
Primary:	True
Required:	True
Unique:	True
Fields:	ActiveUser, Ascending

Properties

Date Created:	06/13/2000 1:38:12 PM	Def. Updatable:	True
Description:	Basic descriptions of all Assets such as Web page formats, rules, and multimedia objects	Last Updated:	09/27/2000 12:32:02 PM
OrderByOn:	False	RecordCount:	0
Validation Text:	Basic descriptions of all Assets such as Web page formats, rules, and multimedia objects		

Columns

Name	Type	Size
AssetID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Ordinal Position:	1	
Required:	False	
Source Field:	AssetID	
Source Table:	Asset	
AssetTypeID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	AssetTypeID	
Source Table:	Asset	
AssetNumber	Text	10
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	
Source Field:	AssetNumber	

Source Table:	Asset	
AssetName	Text	50
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	4	
Required:	False	
Source Field:	AssetName	
Source Table:	Asset	
AssetShared	Yes/No	1
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	106	
Format:	Yes/No	
Ordinal Position:	5	
Required:	False	
Source Field:	AssetShared	
Source Table:	Asset	
AssetSharedUsedCnt	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	6	
Required:	False	
Source Field:	AssetSharedUsedCnt	
Source Table:	Asset	
AssetOwnedByAsset	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
Description:	so far it is a NavigationBarID and helps to have unique AssetName	

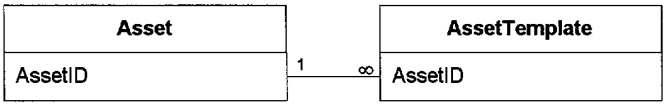
EXHIBIT - 4

	DisplayControl:	Text Box	
	Ordinal Position:	7	
	Required:	False	
	Source Field:	AssetOwnedByAsset	
	Source Table:	Asset	
AssetUpdateTimestamp		Date/Time	8
	AllowZeroLength:	False	
	Attributes:	Fixed Size	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	Format:	General Date	
	Ordinal Position:	9	
	Required:	False	
	Source Field:	AssetUpdateTimestamp	
	Source Table:	Asset	
AssetUpdateUser		Text	10
	AllowZeroLength:	False	
	Attributes:	Variable Length	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	DisplayControl:	Text Box	
	Ordinal Position:	10	
	Required:	False	
	Source Field:	AssetUpdateUser	
	Source Table:	Asset	

Document Page Boundary

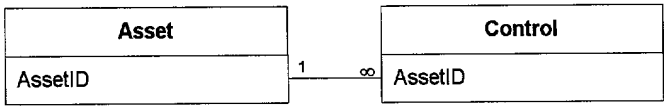
Relationships

AssetAssetTemplate



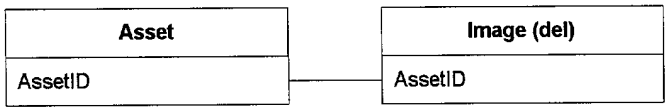
Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

AssetControl



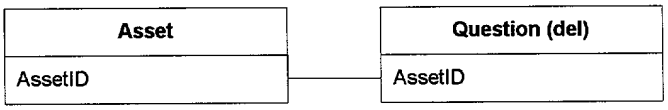
Attributes: One-To-Many
Attributes: Enforced, Cascade Updates, Cascade Deletes

AssetImage



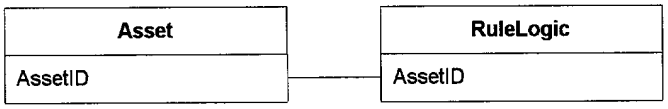
Attributes: One-To-One
Attributes: Unique, Not Enforced

AssetQuestion



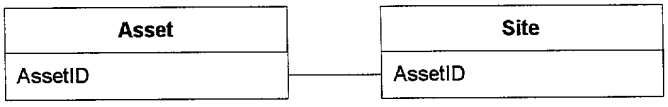
Attributes: Unique, Not Enforced
Attributes: One-To-One

AssetRuleLogic



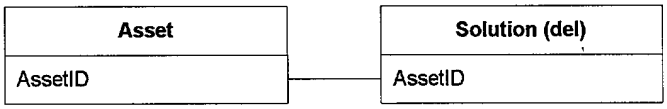
Attributes: Unique, Not Enforced
Attributes: One-To-One

AssetSite



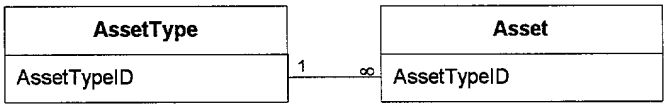
Attributes: One-To-One
Attributes: Unique, Not Enforced

AssetSolution



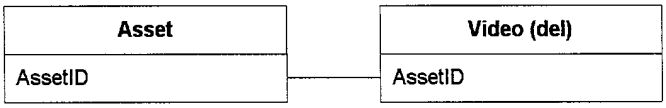
Attributes:	One-To-One
Attributes:	Unique, Not Enforced

AssetTypeAssetShared



Attributes:	One-To-Many
Attributes:	Enforced, Cascade Updates, Cascade Deletes

AssetVideo



Attributes:	Unique, Not Enforced
Attributes:	One-To-One

Table Indexes

Name	Number of Fields
Asset	1

Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	Asset
Primary:	True
Required:	True
Unique:	True
Fields:	AssetID, Ascending

AssetName	3

Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	AssetName
Primary:	False

Required:	False
Unique:	True
Fields:	AssetOwnedByAsset, Ascending
	AssetTypeID, Ascending
	AssetName, Ascending
AssetTypeAssetShared	1
Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	AssetTypeAssetShared
Primary:	False
Required:	False
Unique:	False
Fields:	AssetTypeID, Ascending

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Properties

Date Created:	06/12/2000 10:48:40 AM	Def. Updatable:	True
Description:	Describes the links between Assets	Last Updated:	09/27/2000 12:32:19 PM
OrderByOn:	False	RecordCount:	0
Validation Text:	Describes the links between Assets		

Columns

Name	Type	Size
AssetLinkID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Ordinal Position:	1	
Required:	False	
Source Field:	AssetLinkID	
Source Table:	AssetLink	
AssetLinkFromAssetID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	AssetLinkFromAssetID	
Source Table:	AssetLink	
AssetLinkToAssetID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	
Source Field:	AssetLinkToAssetID	
Source Table:	AssetLink	

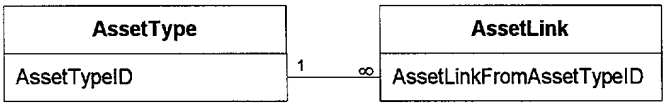
DSS Research

AssetLinkSeq		Number (Integer)	2
	AllowZeroLength:	False	
	Attributes:	Fixed Size	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	Decimal Places:	Auto	
	Default Value:	0	
	Description:	Maintains sequence of from-asset to to-asset links under each from-asset	
	DisplayControl:	Text Box	
	Ordinal Position:	4	
	Required:	False	
	Source Field:	AssetLinkSeq	
	Source Table:	AssetLink	
AssetLinkLevel		Number (Integer)	2
	AllowZeroLength:	False	
	Attributes:	Fixed Size	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	Decimal Places:	Auto	
	Default Value:	0	
	Description:	Value is zero for all tables except when NavigationBar and Subtopic are the to-asset	
	DisplayControl:	Text Box	
	Ordinal Position:	5	
	Required:	False	
	Source Field:	AssetLinkLevel	
	Source Table:	AssetLink	
AssetLinkFromAssetTypeID		Number (Long)	4
	AllowZeroLength:	False	
	Attributes:	Fixed Size	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	Decimal Places:	Auto	
	Default Value:	0	
	DisplayControl:	Text Box	
	Ordinal Position:	6	
	Required:	False	
	Source Field:	AssetLinkFromAssetTypeID	
	Source Table:	AssetLink	
AssetLinkToAssetTypeID		Number (Long)	4
	AllowZeroLength:	False	
	Attributes:	Fixed Size	
	Collating Order:	General	

ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	Default
Decimal Places:	Auto
Default Value:	0
DisplayControl:	Text Box
Ordinal Position:	7
Required:	False
Source Field:	AssetLinkToAssetTypeID
Source Table:	AssetLink

Relationships

AssetTypeAssetLink



Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

Table Indexes

Name	Number of Fields
AssetLink	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	AssetLink
Primary:	True
Required:	True
Unique:	True
Fields:	AssetLinkID, Ascending
AssetLinkFromAssetType	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	AssetLinkFromAssetType
Primary:	False
Required:	False
Unique:	False
Fields:	AssetLinkFromAssetTypeID, Ascending
AssetLinkSeq	3
Clustered:	False
Distinct Count:	0
Foreign:	False

USCG_C2CEN_4885_0000268

Ignore Nulls:	False
Name:	AssetLinkSeq
Primary:	False
Required:	False
Unique:	True
Fields:	AssetLinkFromAssetID, Ascending
	AssetLinkToAssetID, Ascending
	AssetLinkSeq, Ascending

AssetLinkToAssetType 1

Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	AssetLinkToAssetType
Primary:	False
Required:	False
Unique:	False
Fields:	AssetLinkToAssetTypeID, Ascending

AssetTypeAssetLink 1

Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	AssetTypeAssetLink
Primary:	False
Required:	False
Unique:	False
Fields:	AssetLinkFromAssetTypeID, Ascending

Properties

Date Created:	09/25/2000 2:50:41 PM	Def. Updatable:	True
Description:	Defines which Template(s) an Asset is included in	Last Updated:	09/27/2000 12:32:37 PM
OrderByOn:	False	RecordCount:	0
Validation Text:	Defines which Template(s) an Asset is included in		

Columns

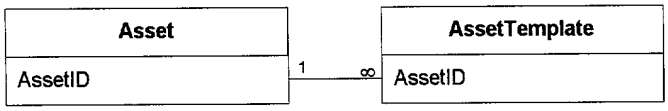
Name	Type	Size
AssetTemplateID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Ordinal Position:	1	
Required:	False	
Source Field:	AssetTemplateID	
Source Table:	AssetTemplate	
AssetID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	AssetID	
Source Table:	AssetTemplate	
TemplateID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	
Source Field:	TemplateID	

0926-3803

Source Table: AssetTemplate

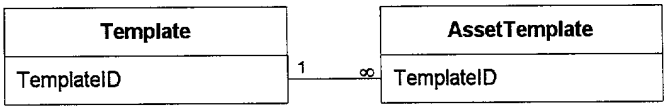
Relationships

AssetAssetTemplate



Attributes: Enforced, Cascade Updates, Cascade Deletes
Attributes: One-To-Many

TemplateAssetTemplate



Attributes: Enforced, Cascade Updates, Cascade Deletes
Attributes: One-To-Many

Table Indexes

Name	Number of Fields
AssetAssetTemplate	1
Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	AssetAssetTemplate
Primary:	False
Required:	False
Unique:	False
Fields:	AssetID, Ascending
AssetTemplate	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	AssetTemplate
Primary:	True
Required:	True
Unique:	True
Fields:	AssetTemplateID, Ascending
AssetTemplates	2
Clustered:	False

	Distinct Count:	0
	Foreign:	False
	Ignore Nulls:	False
	Name:	AssetTemplates
	Primary:	False
	Required:	False
	Unique:	True
	Fields:	AssetID, Ascending
		TemplateID, Ascending
TemplateAssetTemplate		1
	Clustered:	False
	Distinct Count:	0
	Foreign:	True
	Ignore Nulls:	False
	Name:	TemplateAssetTemplate
	Primary:	False
	Required:	False
	Unique:	False
	Fields:	TemplateID, Ascending

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Properties

Date Created:	06/02/2000 5:47:47 PM	Def. Updatable:	True
Description:	Defines which Asset Types are allowed and whether they are shareable	Last Updated:	09/27/2000 12:32:55 PM
OrderByOn:	False	RecordCount:	20
Validation Text:	Defines which Asset Types are allowed and whether they are shareable		

Columns

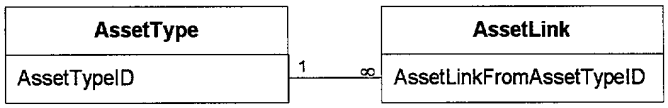
Name	Type	Size
AssetTypeID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	1305	
Ordinal Position:	1	
Required:	False	
Source Field:	AssetTypeID	
Source Table:	AssetType	
AssetTypeCode	Text	3
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	1605	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	AssetTypeCode	
Source Table:	AssetType	
AssetTypeDescription	Text	50
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	2175	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	
Source Field:	AssetTypeDescription	
Source Table:	AssetType	

C95-0346-000

AssetTypeShareable		Yes/No	1
	AllowZeroLength:	False	
	Attributes:	Fixed Size	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	2100	
	DisplayControl:	106	
	Format:	Yes/No	
	Ordinal Position:	4	
	Required:	False	
	Source Field:	AssetTypeShareable	
	Source Table:	AssetType	
AssetTypeComment		Text	255
	AllowZeroLength:	False	
	Attributes:	Variable Length	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	4530	
	DisplayControl:	Text Box	
	Ordinal Position:	5	
	Required:	False	
	Source Field:	AssetTypeComment	
	Source Table:	AssetType	

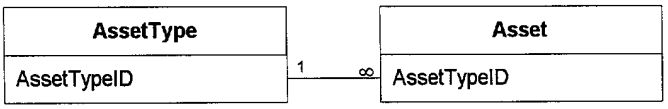
Relationships

AssetTypeAssetLink



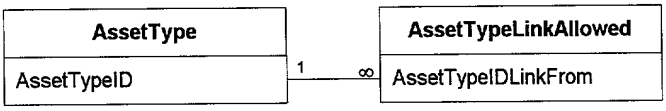
Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

AssetTypeAssetShared



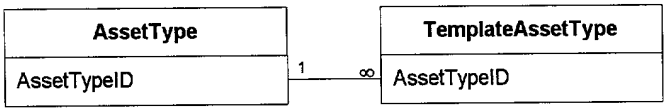
Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

AssetTypeAssetTypeLinkAllowed



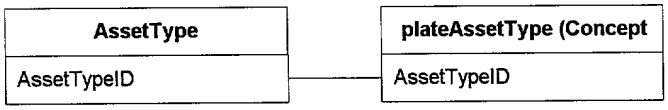
Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

AssetTypeTemplateAssetType



Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

Reference1



Attributes:	Not Enforced
Attributes:	One-To-Many

Table Indexes

Name	Number of Fields
AssetType	1
Clustered:	False
Distinct Count:	19
Foreign:	False
Ignore Nulls:	False
Name:	AssetType
Primary:	True
Required:	True
Unique:	True
Fields:	AssetTypeID, Ascending
AssetTypeType	1
Clustered:	False
Distinct Count:	19
Foreign:	False
Ignore Nulls:	False
Name:	AssetTypeType
Primary:	False

Required:	False
Unique:	True
Fields:	AssetTypeCode, Ascending

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Properties

Date Created:	06/12/2000 2:08:14 PM	Def. Updatable:	True
Description:	Defines which Assets are allowed to be linked to each other	Last Updated:	09/27/2000 12:33:13 PM
OrderByOn:	False	RecordCount:	0
Validation Text:	Defines which Assets are allowed to be linked to each other		

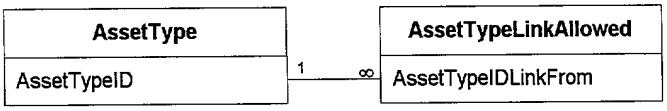
Columns

Name	Type	Size
AssetTypeLinkAllowedID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	2490	
Ordinal Position:	1	
Required:	False	
Source Field:	AssetTypeLinkAllowedID	
Source Table:	AssetTypeLinkAllowed	
AssetTypeIDLinkFrom	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	2205	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	AssetTypeIDLinkFrom	
Source Table:	AssetTypeLinkAllowed	
AssetTypeIDLinkTo	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	1950	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	
Source Field:	AssetTypeIDLinkTo	

Source Table:	AssetTypeLinkAllowed	
AssetTypeOneLinkMax	Yes/No	1
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	2760	
DisplayControl:	106	
Format:	Yes/No	
Ordinal Position:	4	
Required:	False	
Source Field:	AssetTypeOneLinkMax	
Source Table:	AssetTypeLinkAllowed	

Relationships

AssetTypeAssetTypeLinkAllowed



Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

Table Indexes

Name	Number of Fields
AssetTypeAssetTypeLinkAllowed	1
Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	AssetTypeAssetTypeLinkAllowed
Primary:	False
Required:	False
Unique:	False
Fields:	AssetTypeIDLinkFrom, Ascending
AssetTypeLink	2
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	AssetTypeLink
Primary:	False
Required:	False
Unique:	True

	Fields:	AssetTypeIDLinkFrom, Ascending
		AssetTypeIDLinkTo, Ascending
AssetTypeLinkAllowed		1
	Clustered:	False
	Distinct Count:	0
	Foreign:	False
	Ignore Nulls:	False
	Name:	AssetTypeLinkAllowed
	Primary:	True
	Required:	True
	Unique:	True
	Fields:	AssetTypeLinkAllowedID, Ascending

EXHIBIT 1006

Properties

Date Created:	10/21/1998 12:43:31 PM	Def. Updatable:	True
Description:	Contains history of which generated files need to uploaded for production updates	Last Updated:	09/27/2000 12:33:48 PM
OrderByOn:	False	RecordCount:	691
Validation Text:	Contains history of which generated files need to uploaded for production updates		

Columns

Name	Type	Size
ChangeHistoryID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Ordinal Position:	1	
Required:	False	
Source Field:	ChangeHistoryID	
Source Table:	ChangeHistory	
HomePageID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	1080	
Decimal Places:	Auto	
Default Value:	0	
Description:	is the AssetID for AssetTypeID = Hpg in Asset table	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	HomePageID	
Source Table:	ChangeHistory	
ChangeHistoryDirectory	Text	255
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	3225	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	

EXHIBIT 4

	Source Field:	ChangeHistoryDirectory	
	Source Table:	ChangeHistory	
ChangeHistoryTimestamp		Text	50
	AllowZeroLength:	False	
	Attributes:	Variable Length	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	1905	
	DisplayControl:	Text Box	
	Ordinal Position:	4	
	Required:	False	
	Source Field:	ChangeHistoryTimestamp	
	Source Table:	ChangeHistory	
ChangeHistoryDateTime		Text	50
	AllowZeroLength:	False	
	Attributes:	Variable Length	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	2295	
	DisplayControl:	Text Box	
	Ordinal Position:	5	
	Required:	False	
	Source Field:	ChangeHistoryDateTime	
	Source Table:	ChangeHistory	
ChangeHistoryFilename		Text	255
	AllowZeroLength:	False	
	Attributes:	Variable Length	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	2730	
	DisplayControl:	Text Box	
	Ordinal Position:	6	
	Required:	False	
	Source Field:	ChangeHistoryFilename	
	Source Table:	ChangeHistory	

Table Indexes

Name	Number of Fields
ChangeHistory	1
Clustered:	False
Distinct Count:	691
Foreign:	False
Ignore Nulls:	False
Name:	ChangeHistory
Primary:	True
Required.	True

Unique:	True
Fields:	ChangeHistoryID, Ascending
HomePageID	1
Clustered:	False
Distinct Count:	2
Foreign:	False
Ignore Nulls:	False
Name:	HomePageID
Primary:	False
Required:	False
Unique:	False
Fields:	HomePageID, Ascending

Document1 - Microsoft Word

Properties

Date Created:	09/20/1994 5:26:54 PM	Def. Updatable:	True
Description:	Basic details of Controls appearing in each generated file	Last Updated:	09/27/2000 12:34:08 PM
OrderByOn:	False	RecordCount:	345
Validation Text:	Basic details of Controls appearing in each generated file		

Columns

Name	Type	Size
ControlID	Number (Long)	4

AllowZeroLength:	False
Attributes:	Fixed Size, Auto-Increment
Collating Order:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	Default
Ordinal Position:	1
Required:	False
Source Field:	ControlID
Source Table:	Control

TemplateControlTypeID	Number (Long)	4

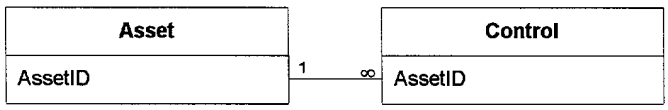
AllowZeroLength:	False
Attributes:	Fixed Size
Bound Column:	1
Collating Order:	General
Column Count:	1
Column Heads:	False
Column Widths:	1440
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	Default
Decimal Places:	Auto
Default Value:	0
DisplayControl:	Combo Box
Limit To List:	False
List Rows:	8
List Width:	1440twip
Ordinal Position:	2
Required:	False
Row Source Type:	Table/Query
Row Source:	SELECT DISTINCTROW [TemplateControlType].[TemplateControlTypeID] FROM [TemplateControlType];
Source Field:	TemplateControlTypeID
Source Table:	Control

AssetID		Number (Long)	4
	AllowZeroLength:	False	
	Attributes:	Fixed Size	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	1860	
	Decimal Places:	Auto	
	Default Value:	0	
	DisplayControl:	Text Box	
	Ordinal Position:	3	
	Required:	False	
	Source Field:	AssetID	
	Source Table:	Control	
ControlActiveIndic		Yes/No	1
	AllowZeroLength:	False	
	Attributes:	Fixed Size	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	Description:	Indicates if control is being used for specific instance of TemplateControlType and Asset combination	
	DisplayControl:	106	
	Format:	Yes/No	
	Ordinal Position:	4	
	Required:	False	
	Source Field:	ControlActiveIndic	
	Source Table:	Control	
ControlName		Text	50
	AllowZeroLength:	False	
	Attributes:	Variable Length	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	DisplayControl:	Text Box	
	Ordinal Position:	5	
	Required:	False	
	Source Field:	ControlName	
	Source Table:	Control	
ControlText		Memo	-
	AllowZeroLength:	False	
	Attributes:	Variable Length	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	Ordinal Position:	6	
	Required:	False	
	Source Field:	ControlText	

	Source Table:	Control	
ControlTextTxt		Text	255
	AllowZeroLength:	False	
	Attributes:	Variable Length	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	DisplayControl:	Text Box	
	Ordinal Position:	7	
	Required:	False	
	Source Field:	ControlTextTxt	
	Source Table:	Control	
ControlDetailID		Number (Long)	4
	AllowZeroLength:	False	
	Attributes:	Fixed Size	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	Decimal Places:	Auto	
	Default Value:	0	
	DisplayControl:	Text Box	
	Ordinal Position:	8	
	Required:	False	
	Source Field:	ControlDetailID	
	Source Table:	Control	

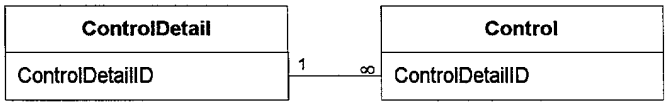
Relationships

AssetControl



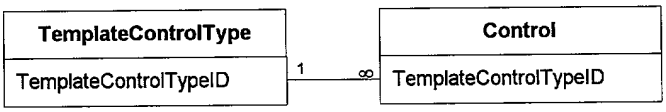
Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

ControlDetailControl



Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

TemplateControlTypeControl



Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

Table Indexes

Name	Number of Fields
AssetControl	1
Clustered:	False
Distinct Count:	1
Foreign:	True
Ignore Nulls:	False
Name:	AssetControl
Primary:	False
Required:	False
Unique:	False
Fields:	AssetID, Ascending
Control	1
Clustered:	False
Distinct Count:	345
Foreign:	False
Ignore Nulls:	False
Name:	Control
Primary:	True
Required:	True
Unique:	True
Fields:	ControlID, Ascending
ControlAsset	2
Clustered:	False
Distinct Count:	1
Foreign:	False
Ignore Nulls:	False
Name:	ControlAsset
Primary:	False
Required:	False
Unique:	True
Fields:	AssetID, Ascending
	TemplateControlTypeID, Ascending
ControlDetailControl	1
Clustered:	False
Distinct Count:	1
Foreign:	True
Ignore Nulls:	False

Name:	ControlDetailControl
Primary:	False
Required:	False
Unique:	False
Fields:	ControlDetailID, Ascending
TemplateControlTypeControl	1
Clustered:	False
Distinct Count:	1
Foreign:	True
Ignore Nulls:	False
Name:	TemplateControlTypeControl
Primary:	False
Required:	False
Unique:	False
Fields:	TemplateControlTypeID, Ascending

EXHIBIT - 1000

Properties

Date Created:	07/25/2000 1:53:52 PM	Def. Updatable:	True
Description:	Default details of Controls appearing in Templates	Last Updated:	09/27/2000 12:34:24 PM
OrderByOn:	False	RecordCount:	0
Validation Text:	Default details of Controls appearing in Templates		

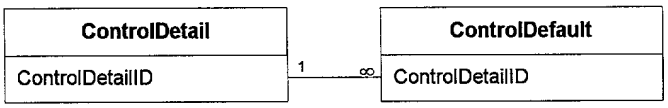
Columns

Name	Type	Size
ControlDefaultID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Ordinal Position:	1	
Required:	False	
Source Field:	ControlDefaultID	
Source Table:	ControlDefault	
TemplateControlTypeID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	TemplateControlTypeID	
Source Table:	ControlDefault	
OwnedByHomePageID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	
Source Field:	OwnedByHomePageID	

Source Table:	ControlDefault		
ControlDefaultText		Memo	-
AllowZeroLength:	False		
Attributes:	Variable Length		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
Ordinal Position:	4		
Required:	False		
Source Field:	ControlDefaultText		
Source Table:	ControlDefault		
ControlDefaultTextTxt		Text	255
AllowZeroLength:	False		
Attributes:	Variable Length		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
DisplayControl:	Text Box		
Ordinal Position:	5		
Required:	False		
Source Field:	ControlDefaultTextTxt		
Source Table:	ControlDefault		
ControlDetailID		Number (Long)	4
AllowZeroLength:	False		
Attributes:	Fixed Size		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
Decimal Places:	Auto		
Default Value:	0		
DisplayControl:	Text Box		
Ordinal Position:	6		
Required:	False		
Source Field:	ControlDetailID		
Source Table:	ControlDefault		

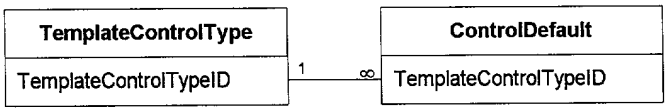
Relationships

ControlDetailControlDefault



Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

TemplateControlTypeControlDefault



Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

Table Indexes

Name	Number of Fields
ControlDefault	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	ControlDefault
Primary:	True
Required:	True
Unique:	True
Fields:	ControlDefaultID, Ascending
ControlDetailControlDefault	1
Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	ControlDetailControlDefault
Primary:	False
Required:	False
Unique:	False
Fields:	ControlDetailID, Ascending
TemplateControlDefault	2
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	TemplateControlDefault
Primary:	False
Required:	False
Unique:	True
Fields:	TemplateControlTypeID, Ascending OwnedByHomePageID, Ascending
TemplateControlTypeControlDefault	1
Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False

Name:	TemplateControlTypeControlDefault
Primary:	False
Required:	False
Unique:	False
Fields:	TemplateControlTypeID, Ascending

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Properties

Date Created:	06/29/2000 3:22:07 PM	Def. Updatable:	True
Description:	User defined details of Controls appearing in generated files	Last Updated:	09/27/2000 12:36:07 PM
OrderByOn:	False	RecordCount:	0
Validation Text:	User defined details of Controls appearing in generated files		

Columns

Name	Type	Size
ControlDetailID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Caption:	ControlDetailID	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Ordinal Position:	1	
Required:	False	
Source Field:	ControlDetailID	
Source Table:	ControlDetail	
ControlDetailAlignment	Text	20
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Description:	top, left ...and for Element: indicates Hdg or Detail	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	ControlDetailAlignment	
Source Table:	ControlDetail	
ControlDetailPosLeft	Number (Integer)	2
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
Description:	X coordinate	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	

	Source Field:	ControlDetailPosLeft	
	Source Table:	ControlDetail	
ControlDetailPosTop		Number (Integer)	2
	AllowZeroLength:	False	
	Attributes:	Fixed Size	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	Decimal Places:	Auto	
	Default Value:	0	
	Description:	Y coordinate	
	DisplayControl:	Text Box	
	Ordinal Position:	4	
	Required:	False	
	Source Field:	ControlDetailPosTop	
	Source Table:	ControlDetail	
ControlDetailFontFamily		Text	40
	AllowZeroLength:	False	
	Attributes:	Variable Length	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	DisplayControl:	Text Box	
	Ordinal Position:	5	
	Required:	False	
	Source Field:	ControlDetailFontFamily	
	Source Table:	ControlDetail	
ControlDetailFontStyle		Text	15
	AllowZeroLength:	False	
	Attributes:	Variable Length	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	DisplayControl:	Text Box	
	Ordinal Position:	6	
	Required:	False	
	Source Field:	ControlDetailFontStyle	
	Source Table:	ControlDetail	
ControlDetailFontSize		Text	15
	AllowZeroLength:	False	
	Attributes:	Variable Length	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	DisplayControl:	Text Box	
	Ordinal Position:	7	

Required:	False	
Source Field:	ControlDetailFontSize	
Source Table:	ControlDetail	
ControlDetailFontWeight	Text	15
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	8	
Required:	False	
Source Field:	ControlDetailFontWeight	
Source Table:	ControlDetail	
ControlDetailTextDecoration	Text	15
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	9	
Required:	False	
Source Field:	ControlDetailTextDecoration	
Source Table:	ControlDetail	
ControlDetailFontColor	Text	40
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	10	
Required:	False	
Source Field:	ControlDetailFontColor	
Source Table:	ControlDetail	
ControlDetailBackColor	Text	40
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	11	
Required:	False	
Source Field:	ControlDetailBackColor	

Source Table:	ControlDetail		
ControlDetailFilename		Memo	-
AllowZeroLength:	False		
Attributes:	Variable Length		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
Description:	used by Fil, Imb, Bgr, Snf, Btn controls		
Ordinal Position:	12		
Required:	False		
Source Field:	ControlDetailFilename		
Source Table:	ControlDetail		
ControlDetailFilenameTxt		Text	255
AllowZeroLength:	False		
Attributes:	Variable Length		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
Description:	used by Fil, Imb, Bgr, Snf, Btn controls for Crystal Reports		
DisplayControl:	Text Box		
Ordinal Position:	13		
Required:	False		
Source Field:	ControlDetailFilenameTxt		
Source Table:	ControlDetail		
ControlDetailWidth		Number (Integer)	2
AllowZeroLength:	False		
Attributes:	Fixed Size		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
Decimal Places:	Auto		
Default Value:	0		
Description:	For TEXTAREA, would contain Columns property; needed for Video		
DisplayControl:	Text Box		
Ordinal Position:	14		
Required:	False		
Source Field:	ControlDetailWidth		
Source Table:	ControlDetail		
ControlDetailHeight		Number (Integer)	2
AllowZeroLength:	False		
Attributes:	Fixed Size		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
Decimal Places:	Auto		
Default Value:	0		

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	Description:	For TEXTAREA, would contain Rows property; needed for Video	
	DisplayControl:	Text Box	
	Ordinal Position:	15	
	Required:	False	
	Source Field:	ControlDetailHeight	
	Source Table:	ControlDetail	
ControlDetailIndent		Number (Integer)	2
	AllowZeroLength:	False	
	Attributes:	Fixed Size	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	Decimal Places:	Auto	
	Default Value:	0	
	DisplayControl:	Text Box	
	Ordinal Position:	16	
	Required:	False	
	Source Field:	ControlDetailIndent	
	Source Table:	ControlDetail	
ControlDetailTextBoxPassword		Yes/No	1
	AllowZeroLength:	False	
	Attributes:	Fixed Size	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	Description:	Tx1 - Text Box One Line	
	DisplayControl:	106	
	Format:	Yes/No	
	Ordinal Position:	17	
	Required:	False	
	Source Field:	ControlDetailTextBoxPassword	
	Source Table:	ControlDetail	
ControlDetailCheckBoxChecked		Yes/No	1
	AllowZeroLength:	False	
	Attributes:	Fixed Size	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	Description:	maybe, if we accept check box controls	
	DisplayControl:	106	
	Format:	Yes/No	
	Ordinal Position:	18	
	Required:	False	
	Source Field:	ControlDetailCheckBoxChecked	
	Source Table:	ControlDetail	
ControlDetailRadioButtonSelected		Yes/No	1
	AllowZeroLength:	False	

Boise Public Library

	Attributes:	Fixed Size	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	Description:	maybe, if we accept radio button controls	
	DisplayControl:	106	
	Format:	Yes/No	
	Ordinal Position:	19	
	Required:	False	
	Source Field:	ControlDetailRadioButtonSelected	
	Source Table:	ControlDetail	
ControDetailStyleType		Text	15
	AllowZeroLength:	False	
	Attributes:	Variable Length	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	Description:	For ULs; Question answers format; Solution Checklist elements option	
	DisplayControl:	Text Box	
	Ordinal Position:	20	
	Required:	False	
	Source Field:	ControDetailStyleType	
	Source Table:	ControlDetail	
ControlDetailHyperlinkFilename		Memo	-
	AllowZeroLength:	False	
	Attributes:	Variable Length	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	Ordinal Position:	21	
	Required:	False	
	Source Field:	ControlDetailHyperlinkFilename	
	Source Table:	ControlDetail	
ControlDetailHyperlinkFilenameTxt		Text	255
	AllowZeroLength:	False	
	Attributes:	Variable Length	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	Default	
	DisplayControl:	Text Box	
	Ordinal Position:	22	
	Required:	False	
	Source Field:	ControlDetailHyperlinkFilenameTxt	
	Source Table:	ControlDetail	
ControlDetailLoopOption		Text	15
	AllowZeroLength:	False	

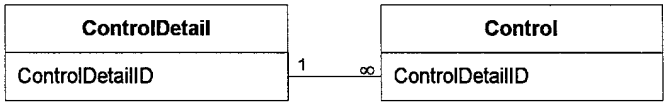
Attributes:	Variable Length
Collating Order:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	Default
DisplayControl:	Text Box
Ordinal Position:	23
Required:	False
Source Field:	ControlDetailLoopOption
Source Table:	ControlDetail

ControlDetailAnimationIndic — Yes/No — 1

AllowZeroLength:	False
Attributes:	Fixed Size
Collating Order:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	Default
Description:	May not be needed?
DisplayControl:	106
Format:	Yes/No
Ordinal Position:	24
Required:	False
Source Field:	ControlDetailAnimationIndic
Source Table:	ControlDetail

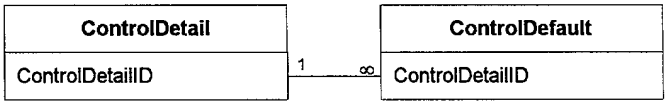
Relationships

ControlDetailControl



Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

ControlDetailControlDefault



Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

Table Indexes

Name	Number of Fields

ControlDetail		1
	Clustered:	False
	Distinct Count:	0
	Foreign:	False
	Ignore Nulls:	False
	Name:	ControlDetail
	Primary:	True
	Required:	True
	Unique:	True
	Fields:	ControlDetailID, Ascending

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Properties

Date Created:	06/14/2000 11:33:01 AM	Def. Updatable:	True
Description:	Types of Controls supported throughout all Templates	Last Updated:	09/27/2000 12:36:46 PM
OrderByOn:	False	RecordCount:	46
Validation Text:	Types of Controls supported throughout all Templates		

Columns

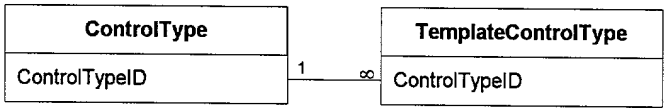
Name		Type	Size
ControlTypeID		Number (Long)	4
	AllowZeroLength:	False	
	Attributes:	Fixed Size, Auto-Increment	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	330	
	Ordinal Position:	1	
	Required:	False	
	Source Field:	ControlTypeID	
	Source Table:	ControlType	
ControlTypeCode		Text	3
	AllowZeroLength:	False	
	Attributes:	Variable Length	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	540	
	DisplayControl:	Text Box	
	Ordinal Position:	2	
	Required:	False	
	Source Field:	ControlTypeCode	
	Source Table:	ControlType	
ControlTypeDescription		Text	50
	AllowZeroLength:	False	
	Attributes:	Variable Length	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	3180	
	DisplayControl:	Text Box	
	Ordinal Position:	3	
	Required:	False	
	Source Field:	ControlTypeDescription	
	Source Table:	ControlType	
ControlTypeComment		Text	255
	AllowZeroLength:	False	

Beyond Tech

Attributes:	Variable Length
Collating Order:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	5160
DisplayControl:	Text Box
Ordinal Position:	4
Required:	False
Source Field:	ControlTypeComment
Source Table:	ControlType

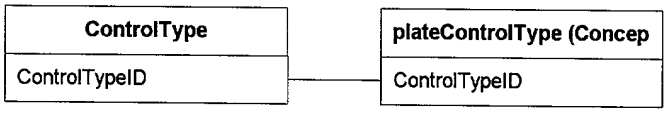
Relationships

ControlTypeTemplateControlType



Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

Reference



Attributes:	Not Enforced
Attributes:	One-To-Many

Table Indexes

Name	Number of Fields
ControlType	1
Clustered:	False
Distinct Count:	54
Foreign:	False
Ignore Nulls:	False
Name:	ControlType
Primary:	True
Required:	True
Unique:	True
Fields:	ControlTypeID, Ascending
ControlTypeCode	1
Clustered:	False
Distinct Count:	54
Foreign:	False

Ignore Nulls:	False
Name:	ControlTypeCode
Primary:	False
Required:	False
Unique:	True
Fields:	ControlTypeCode, Ascending

Evaluation - Unregistered

Properties

Date Created:	06/21/2000 12:25:02 PM	Def. Updatable:	True
Description:	Contains file directory designations for generated files	Last Updated:	09/27/2000 12:37:04 PM
OrderByOn:	False	RecordCount:	0
Validation Text:	Contains file directory designations for generated files		

Columns

Name	Type	Size
HomePageDirectoryID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Ordinal Position:	1	
Required:	False	
Source Field:	HomePageDirectoryID	
Source Table:	HomePageDirectory	
HomePageDirectoryUser	Text	10
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	2475	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	HomePageDirectoryUser	
Source Table:	HomePageDirectory	
TemplateGroupID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Bound Column:	1	
Collating Order:	General	
Column Count:	1	
Column Heads:	False	
Column Widths:	1440	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
Description:	Needed because user may want to experiment with multiple Template Groups	

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DisplayControl:	Combo Box
Limit To List:	False
List Rows:	8
List Width:	1440twip
Ordinal Position:	3
Required:	False
Row Source Type:	Table/Query
Row Source:	SELECT DISTINCTROW [TemplateGroup].[TemplateGroupID] FROM [TemplateGroup];
Source Field:	TemplateGroupID
Source Table:	HomePageDirectory

HomePageID — Number (Long) — 4

AllowZeroLength:	False
Attributes:	Fixed Size
Bound Column:	1
Collating Order:	General
Column Count:	1
Column Heads:	False
Column Widths:	1440
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	Default
Decimal Places:	Auto
Default Value:	0
Description:	Is the AssetID for AssetTypeID = Hpg in Asset table
DisplayControl:	Combo Box
Limit To List:	False
List Rows:	8
List Width:	1440twip
Ordinal Position:	4
Required:	False
Row Source Type:	Table/Query
Row Source:	SELECT DISTINCTROW [HomePage].[HomePageID] FROM [HomePage];
Source Field:	HomePageID
Source Table:	HomePageDirectory

HomePageDirectoryOutputDev — Text — 255

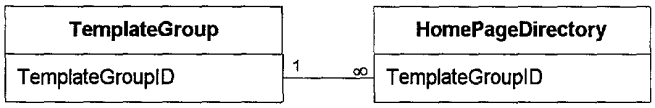
AllowZeroLength:	False
Attributes:	Variable Length
Collating Order:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	Default
Description:	For development and testing
DisplayControl:	Text Box
Ordinal Position:	5
Required:	False
Source Field:	HomePageDirectoryOutputDev
Source Table:	HomePageDirectory

HomePageDirectoryOutputProd — Text — 255

AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Description:	Staging for production, to be FTPed from	
DisplayControl:	Text Box	
Ordinal Position:	6	
Required:	False	
Source Field:	HomePageDirectoryOutputProd	
Source Table:	HomePageDirectory	
HomePageDirectoryNextUsage	Text	255
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Description:	Indicates to generate for development/testing or for production	
DisplayControl:	Text Box	
Ordinal Position:	7	
Required:	False	
Source Field:	HomePageDirectoryNextUsage	
Source Table:	HomePageDirectory	
HomePageDirectoryOutputFTP	Text	255
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Description:	To be FTPed into for the live Home Page	
DisplayControl:	Text Box	
Ordinal Position:	8	
Required:	False	
Source Field:	HomePageDirectoryOutputFTP	
Source Table:	HomePageDirectory	
HomePageDirectoryTimestamp	Date/Time	8
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Description:	The last time the Home Page's complete application was generated	
Format:	General Date	
Ordinal Position:	9	
Required:	False	
Source Field:	HomePageDirectoryTimestamp	
Source Table:	HomePageDirectory	

Relationships

TemplateGroupHomePageDirectory



Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

Table Indexes

Name	Number of Fields
HomePageDirectory	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	HomePageDirectory
Primary:	True
Required:	True
Unique:	True
Fields:	HomePageDirectoryID, Ascending
HomePageUserTemplateGroupDirectory	3
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	HomePageUserTemplateGroupDirectory
Primary:	False
Required:	False
Unique:	True
Fields:	HomePageDirectoryUser, Ascending
	TemplateGroupID, Ascending
	HomePageID, Ascending
TemplateGroupHomePageDirectory	1
Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	TemplateGroupHomePageDirectory
Primary:	False
Required:	False
Unique:	False
Fields:	TemplateGroupID, Ascending

Confidential

Properties

Date Created:	11/26/1995 7:48:15 PM	Def. Updatable:	True
Description:	Contains the logic for individual Rules	Last Updated:	09/27/2000 12:37:22 PM
OrderByOn:	False	RecordCount:	200
Validation Text:	Contains the logic for individual Rules		

Columns

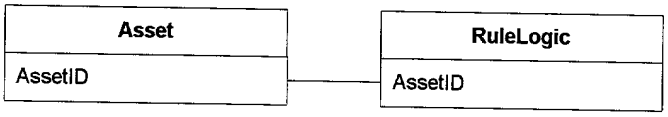
Name	Type	Size
AssetID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Description:	for each record, in Asset table must exist one record with AssetTypeID=Lgc and AssetID the same	
Ordinal Position:	1	
Required:	False	
Source Field:	AssetID	
Source Table:	RuleLogic	
QuestionID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	1140	
Decimal Places:	Auto	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	QuestionID	
Source Table:	RuleLogic	
RuleLogicRelOp	Text	50
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	1155	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	
Source Field:	RuleLogicRelOp	

DEFENDANT'S EXHIBIT

Source Table:	RuleLogic		
ResponseID		Number (Long)	4
AllowZeroLength:	False		
Attributes:	Fixed Size		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	1365		
Decimal Places:	Auto		
Default Value:	0		
DisplayControl:	Text Box		
Ordinal Position:	4		
Required:	False		
Source Field:	ResponseID		
Source Table:	RuleLogic		
RuleLogicOp		Text	50
AllowZeroLength:	False		
Attributes:	Variable Length		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	1410		
DisplayControl:	Text Box		
Ordinal Position:	5		
Required:	False		
Source Field:	RuleLogicOp		
Source Table:	RuleLogic		

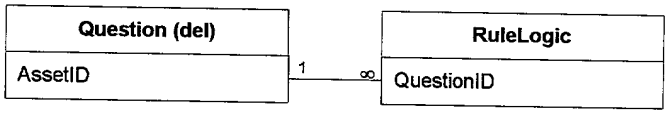
Relationships

AssetRuleLogic



Attributes:	Unique, Not Enforced
Attributes:	One-To-One

QuestionRuleLogic



Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

Table Indexes

Name	Number of Fields
QuestionRuleLogic	1
Clustered:	False
Distinct Count:	47
Foreign:	True
Ignore Nulls:	False
Name:	QuestionRuleLogic
Primary:	False
Required:	False
Unique:	False
Fields:	QuestionID, Ascending
RuleLogic	1
Clustered:	False
Distinct Count:	200
Foreign:	False
Ignore Nulls:	False
Name:	RuleLogic
Primary:	True
Required:	True
Unique:	True
Fields:	AssetID, Ascending
RuleLogicResponseID	1
Clustered:	False
Distinct Count:	3
Foreign:	False
Ignore Nulls:	False
Name:	RuleLogicResponseID
Primary:	False
Required:	False
Unique:	False
Fields:	ResponseID, Ascending

DSS-0458-000068

Properties

Date Created:	08/24/2000 10:21:40 AM	Def. Updatable:	True
Description:	Contains Site level properties	Last Updated:	09/27/2000 12:37:46 PM
OrderByOn:	False	RecordCount:	1
Validation Text:	Contains Site level properties		

Columns

Name	Type	Size
AssetID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
Description:	For Access version, will be only one of these per .mdb file, and file name will be SiteName(AssetName)+.mdb	
DisplayControl:	Text Box	
Ordinal Position:	1	
Required:	False	
Source Field:	AssetID	
Source Table:	Site	
SiteDescription	Text	255
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	1590	
Description:	For internal documentation and reporting	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	SiteDescription	
Source Table:	Site	
SiteSsiSuffix	Text	50
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Description:	Suffix (file extension) for generated files that reference a Server Side Include (SSI) file, needed by server, usually "shtml"	
DisplayControl:	Text Box	

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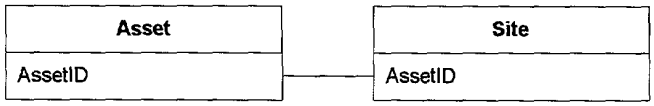
Ordinal Position:	3
Required:	False
Source Field:	SiteSsiSuffix
Source Table:	Site

SiteCopyright — Text — 255

AllowZeroLength:	False
Attributes:	Variable Length
Collating Order:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	4275
Description:	Default copyright statement for entire site
DisplayControl:	Text Box
Ordinal Position:	4
Required:	False
Source Field:	SiteCopyright
Source Table:	Site

Relationships

AssetSite



Attributes:	Unique, Not Enforced
Attributes:	One-To-One

Table Indexes

Name	Number of Fields
Site	1

Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	Site
Primary:	True
Required:	True
Unique:	True
Fields:	AssetID, Ascending

Confidential - Subject to Protective Order

Properties

Date Created:	06/19/2000 11:02:03 AM	Def. Updatable:	True
Description:	Description of each active Template	Last Updated:	09/27/2000 12:38:03 PM
OrderByOn:	False	RecordCount:	22
Validation Text:	Description of each active Template		

Columns

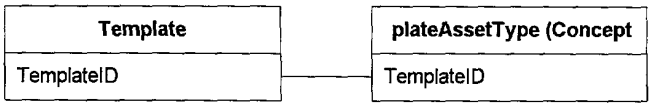
Name		Type	Size
TemplateID		Number (Long)	4
	AllowZeroLength:	False	
	Attributes:	Fixed Size, Auto-Increment	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	435	
	Ordinal Position:	1	
	Required:	False	
	Source Field:	TemplateID	
	Source Table:	Template	
TemplateCode		Text	10
	AllowZeroLength:	False	
	Attributes:	Variable Length	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	885	
	DisplayControl:	Text Box	
	Ordinal Position:	2	
	Required:	False	
	Source Field:	TemplateCode	
	Source Table:	Template	
TemplateDescription		Text	50
	AllowZeroLength:	False	
	Attributes:	Variable Length	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	2085	
	DisplayControl:	Text Box	
	Ordinal Position:	3	
	Required:	False	
	Source Field:	TemplateDescription	
	Source Table:	Template	
TemplateComment		Text	255
	AllowZeroLength:	False	
	Attributes:	Variable Length	

EXHIBIT 10.9

	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	5310	
	DisplayControl:	Text Box	
	Ordinal Position:	4	
	Required:	False	
	Source Field:	TemplateComment	
	Source Table:	Template	
TemplateFilename		Text	255
	AllowZeroLength:	False	
	Attributes:	Variable Length	
	Collating Order:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	585	
	DisplayControl:	Text Box	
	Ordinal Position:	5	
	Required:	False	
	Source Field:	TemplateFilename	
	Source Table:	Template	

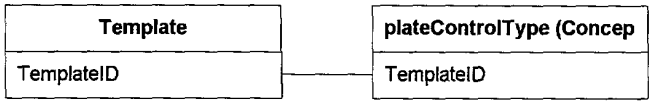
Relationships

Reference3



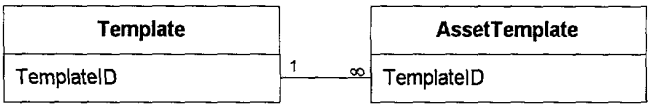
Attributes:	Not Enforced
Attributes:	One-To-One

Reference5



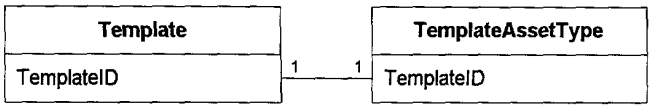
Attributes:	Not Enforced
Attributes:	One-To-Many

TemplateAssetTemplate



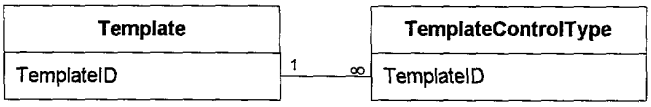
Attributes: Enforced, Cascade Updates, Cascade Deletes
Attributes: One-To-Many

TemplateTemplateAssetType



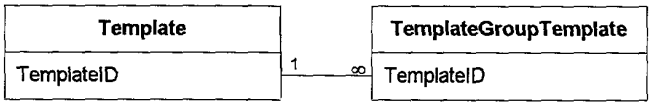
Attributes: Enforced, Cascade Updates, Cascade Deletes
Attributes: One-To-One

TemplateTemplateControlType



Attributes: Enforced, Cascade Updates, Cascade Deletes
Attributes: One-To-Many

TemplateTemplateGroupTemplate



Attributes: Enforced, Cascade Updates, Cascade Deletes
Attributes: One-To-Many

Table Indexes

Name	Number of Fields
Template	1

Clustered: False
Distinct Count: 23
Foreign: False
Ignore Nulls: False
Name: Template
Primary: True

	Required:	True
	Unique:	True
	Fields:	TemplateID, Ascending
TemplateCode		1
	Clustered:	False
	Distinct Count:	23
	Foreign:	False
	Ignore Nulls:	False
	Name:	TemplateCode
	Primary:	False
	Required:	False
	Unique:	True
	Fields:	TemplateCode, Ascending

EXHIBIT # 2000-08

Properties

Date Created:	06/21/2000 11:54:43 AM	Def. Updatable:	True
Description:	Defines the relationships between Templates and Assets	Last Updated:	09/27/2000 12:38:18 PM
OrderByOn:	False	RecordCount:	0
Validation Text:	Defines the relationships between Templates and Assets		

Columns

Name	Type	Size
TemplateAssetTypeID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Ordinal Position:	1	
Required:	False	
Source Field:	TemplateAssetTypeID	
Source Table:	TemplateAssetType	
TemplateID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Bound Column:	1	
Collating Order:	General	
Column Count:	1	
Column Heads:	False	
Column Widths:	1440	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Combo Box	
Limit To List:	False	
List Rows:	8	
List Width:	1440twip	
Ordinal Position:	2	
Required:	False	
Row Source Type:	Table/Query	
Row Source:	SELECT DISTINCTROW [Template].[TemplateID] FROM [Template];	
Source Field:	TemplateID	
Source Table:	TemplateAssetType	
AssetTypeID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Bound Column:	1	

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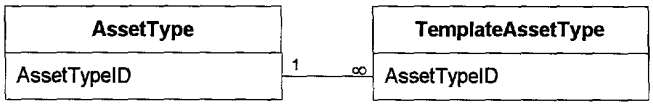
Collating Order:	General
Column Count:	1
Column Heads:	False
Column Widths:	1440
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	Default
Decimal Places:	Auto
Default Value:	0
DisplayControl:	Combo Box
Limit To List:	False
List Rows:	8
List Width:	1440twip
Ordinal Position:	3
Required:	False
Row Source Type:	Table/Query
Row Source:	SELECT DISTINCTROW [AssetType].[AssetTypeID] FROM [AssetType];
Source Field:	AssetTypeID
Source Table:	TemplateAssetType

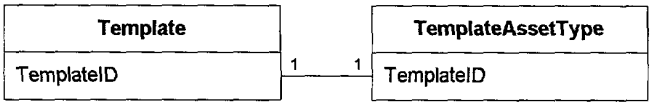
Relationships

AssetTypeTemplateAssetType



Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

TemplateTemplateAssetType



Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-One

Table Indexes

Name	Number of Fields
AssetTypeTemplateAssetType	1

Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False

Name:	AssetTypeTemplateAssetType
Primary:	False
Required:	False
Unique:	False
Fields:	AssetTypeID, Ascending
TemplateAssetType	1
Clustered:	False
Distinct Count:	1
Foreign:	False
Ignore Nulls:	False
Name:	TemplateAssetType
Primary:	True
Required:	True
Unique:	True
Fields:	TemplateAssetTypeID, Ascending
TemplateLink	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	TemplateLink
Primary:	False
Required:	False
Unique:	True
Fields:	TemplateID, Ascending
TemplateTemplateAssetType	1
Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	TemplateTemplateAssetType
Primary:	False
Required:	False
Unique:	False
Fields:	TemplateID, Ascending

EXHIBIT

Properties

Date Created:	06/21/2000 11:58:43 AM	Def. Updatable:	True
Description:	Identifies which Control Types are contained in which Templates	Last Updated:	09/27/2000 12:38:36 PM
OrderByOn:	False	RecordCount:	0
Validation Text:	Identifies which Control Types are contained in which Templates		

Columns

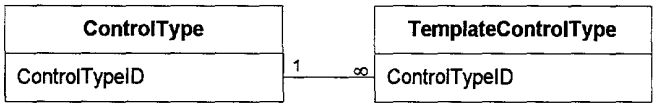
Name	Type	Size
TemplateControlTypeID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Ordinal Position:	1	
Required:	False	
Source Field:	TemplateControlTypeID	
Source Table:	TemplateControlType	
TemplateID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Bound Column:	1	
Collating Order:	General	
Column Count:	1	
Column Heads:	False	
Column Widths:	1440	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Combo Box	
Limit To List:	False	
List Rows:	8	
List Width:	1440twip	
Ordinal Position:	2	
Required:	False	
Row Source Type:	Table/Query	
Row Source:	SELECT DISTINCTROW [Template].[TemplateID] FROM [Template];	
Source Field:	TemplateID	
Source Table:	TemplateControlType	
ControlTypeID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Bound Column:	1	

Collating Order:	General	
Column Count:	2	
Column Heads:	False	
Column Widths:	0;1440	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Combo Box	
Limit To List:	True	
List Rows:	8	
List Width:	1440twip	
Ordinal Position:	3	
Required:	False	
Row Source Type:	Table/Query	
Row Source:	SELECT DISTINCTROW [ControlType].[ControlTypeID], [ControlType].[ControlType] FROM [ControlType];	
Source Field:	ControlTypeID	
Source Table:	TemplateControlType	
TemplateControlTypeSeq	Number (Integer)	2
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	4	
Required:	False	
Source Field:	TemplateControlTypeSeq	
Source Table:	TemplateControlType	
TemplateControlTypeDescription	Text	255
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	5	
Required:	False	
Source Field:	TemplateControlTypeDescription	
Source Table:	TemplateControlType	

Relationships

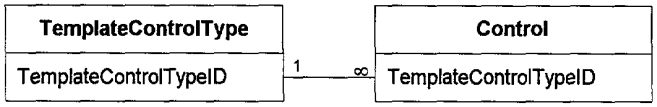
CONFIDENTIAL - 06/26/2009 - 4:09:26 PM

ControlTypeTemplateControlType



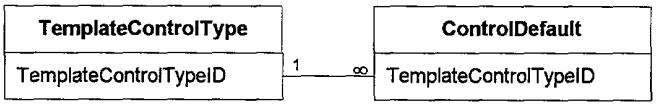
Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

TemplateControlTypeControl



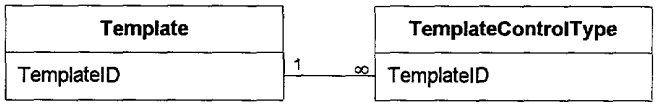
Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

TemplateControlTypeControlDefault



Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

TemplateTemplateControlType



Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

Table Indexes

Name	Number of Fields
ControlTypeTemplateControlType	1

Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	ControlTypeTemplateControlType
Primary:	False

Required:	False
Unique:	False
Fields:	ControlTypeID, Ascending
TemplateControlType	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	TemplateControlType
Primary:	True
Required:	True
Unique:	True
Fields:	TemplateControlTypeID, Ascending
TemplateControlTypeLink	2
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	TemplateControlTypeLink
Primary:	False
Required:	False
Unique:	True
Fields:	TemplateID, Ascending
	TemplateControlTypeSeq, Ascending
TemplateTemplateControlType	1
Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	TemplateTemplateControlType
Primary:	False
Required:	False
Unique:	False
Fields:	TemplateID, Ascending

0000000-0000000

Properties

Date Created:	06/21/2000 12:13:07 PM	Def. Updatable:	True
Description:	Describes groups of Templates	Last Updated:	09/27/2000 12:38:52 PM
OrderByOn:	False	RecordCount:	0
Validation Text:	Describes groups of Templates		

Columns

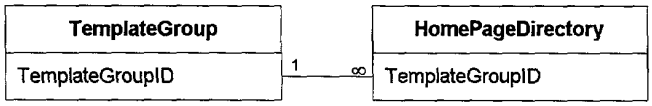
Name	Type	Size
TemplateGroupID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Ordinal Position:	1	
Required:	False	
Source Field:	TemplateGroupID	
Source Table:	TemplateGroup	
TemplateGroupCode	Text	10
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	2130	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	TemplateGroupCode	
Source Table:	TemplateGroup	
TemplateGroupDescription	Text	50
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	2700	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	
Source Field:	TemplateGroupDescription	
Source Table:	TemplateGroup	
TemplateGroupComment	Text	255
AllowZeroLength:	False	
Attributes:	Variable Length	

Property of Bob Hansen

Collating Order:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	2550
DisplayControl:	Text Box
Ordinal Position:	4
Required:	False
Source Field:	TemplateGroupComment
Source Table:	TemplateGroup

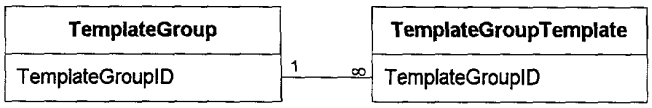
Relationships

TemplateGroupHomePageDirectory



Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

TemplateGroupTemplateGroupTemplate



Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

Table Indexes

Name	Number of Fields
TemplateGroup	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	TemplateGroup
Primary:	True
Required:	True
Unique:	True
Fields:	TemplateGroupID, Ascending
TemplateGroupCode	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False

Name:	TemplateGroupCode
Primary:	False
Required:	False
Unique:	True
Fields:	TemplateGroupCode, Ascending

Properties

Date Created:	06/21/2000 12:13:59 PM	Def. Updatable:	True
Description:	Identifies which Templates are grouped together into Template Groups	Last Updated:	09/27/2000 12:39:09 PM
OrderByOn:	False	RecordCount:	0
Validation Text:	Identifies which Templates are grouped together into Template Groups		

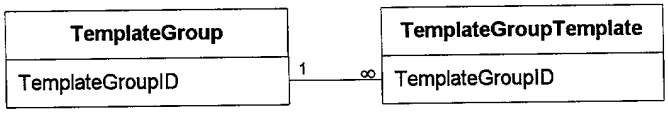
Columns

Name	Type	Size
TemplateGroupTemplateID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	2730	
Ordinal Position:	1	
Required:	False	
Source Field:	TemplateGroupTemplateID	
Source Table:	TemplateGroupTemplate	
TemplateGroupID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Bound Column:	1	
Collating Order:	General	
Column Count:	1	
Column Heads:	False	
Column Widths:	1440	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	1830	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Combo Box	
Limit To List:	False	
List Rows:	8	
List Width:	1440twip	
Ordinal Position:	2	
Required:	False	
Row Source Type:	Table/Query	
Row Source:	SELECT DISTINCTROW [TemplateGroup].[TemplateGroupID] FROM [TemplateGroup];	
Source Field:	TemplateGroupID	
Source Table:	TemplateGroupTemplate	

TemplateID		Number (Long)	4
	AllowZeroLength:	False	
	Attributes:	Fixed Size	
	Bound Column:	1	
	Collating Order:	General	
	Column Count:	1	
	Column Heads:	False	
	Column Widths:	1440	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	1245	
	Decimal Places:	Auto	
	Default Value:	0	
	DisplayControl:	Combo Box	
	Limit To List:	False	
	List Rows:	8	
	List Width:	1440twip	
	Ordinal Position:	3	
	Required:	False	
	Row Source Type:	Table/Query	
	Row Source:	SELECT DISTINCTROW [Template].[TemplateID] FROM [Template];	
	Source Field:	TemplateID	
	Source Table:	TemplateGroupTemplate	

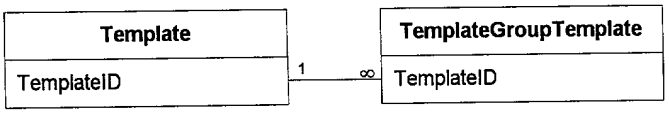
Relationships

TemplateGroupTemplateGroupTemplate



Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

TemplateTemplateGroupTemplate



Attributes:	Enforced, Cascade Updates, Cascade Deletes
Attributes:	One-To-Many

Table Indexes

Name	Number of Fields
TemplateGroupTemplate	1
Clustered:	False

Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	TemplateGroupTemplate
Primary:	True
Required:	True
Unique:	True
Fields:	TemplateGroupTemplateID, Ascending

TemplateGroupTemplateGroupTemplate 1

Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	TemplateGroupTemplateGroupTemplate
Primary:	False
Required:	False
Unique:	False
Fields:	TemplateGroupID, Ascending

TemplateGroupTemplateLink 2

Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	TemplateGroupTemplateLink
Primary:	False
Required:	False
Unique:	True
Fields:	TemplateGroupID, Ascending TemplateID, Ascending

TemplateTemplateGroupTemplate 1

Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	TemplateTemplateGroupTemplate
Primary:	False
Required:	False
Unique:	False
Fields:	TemplateID, Ascending